

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Three Rivers Fed 4-311-820				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT THREE RIVERS				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR ULTRA RESOURCES INC						7. OPERATOR PHONE 303 645-9810				
8. ADDRESS OF OPERATOR 304 Inverness Way South #245, Englewood, CO, 80112						9. OPERATOR E-MAIL dghani@ultrapetroleum.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU85994			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') George Eugene & Sandra Winder Trustees ETAL						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 12449 S. Iron Sight Way, Herriman, UT 84096						16. SURFACE OWNER E-MAIL (if box 12 = 'fee') gewndr@gmail.com				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		238 FNL 1875 FEL		NWNE	4	8.0 S	20.0 E	S		
Top of Uppermost Producing Zone		660 FNL 1980 FEL		NWNE	4	8.0 S	20.0 E	S		
At Total Depth		660 FNL 1980 FEL		NWNE	4	8.0 S	20.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 238			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 40			26. PROPOSED DEPTH MD: 7083 TVD: 7054				
27. ELEVATION - GROUND LEVEL 4767			28. BOND NUMBER UTB000593			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-10988				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
PROD	7.875	5.5	0 - 7083	17.0	J-55 LT&C	10.0	Halliburton Light , Type Unknown	175	3.78	10.5
							Premium Lite High Strength	275	2.31	12.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton					TITLE Permitting Agent			PHONE 435 719-2018		
SIGNATURE					DATE 01/21/2014			EMAIL starpoint@etv.net		
API NUMBER ASSIGNED 43047542540000					APPROVAL Permit Manager					

ULTRA RESOURCES, INC.

MASTER
8 - POINT DRILLING PROGRAM

Slim Hole Design
8 5/8" Surface & 5 1/2" Production Casing Design

DATED: 01-21-14

**Directional Wells located on Ultra leases in
Three Rivers Project:**

Three Rivers Fed 4-311-820

SHL: Sec 4 Lot 2 (NWNE) T8S R20E

Uintah, Utah

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

RECEIVED: March 04, 2014

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,502' MD / 1,500' TVD	
Garden Gulch	4,888' MD / 4,859' TVD	Oil & Associated Gas
Lower Green River*	5,063' MD / 5,034' TVD	Oil & Associated Gas
Wasatch	6,883' MD / 6,854' TVD	Oil & Associated Gas
TD	7,083' MD / 7,054' TVD	

Asterisks (*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

2. BOP Equipment

- A) The BOPE shall be closed whenever the well is unattended. The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
- 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
 - 2) Choke Manifold:
 - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
 - 4) Two adjustable chokes will be used in the choke manifold.
 - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
 - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
 - 2) All BOP tests will be performed with a test plug in place.
 - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL

0 1,000 MD / 1, 033' TVD

1,000 MD / 1, 033' TVD – 7,083' MD / 7,054' TVD

BOP EQUIPMENT

11" Diverter with Rotating Head

3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

3. Casing and Float Equipment Program**CASING:**

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Surface	12 1/4"	8 5/8"	1,000 MD / 1, 033' TVD	24.0 ppf	J-55, LTC	New
Production	7 7/8"	5 1/2"	7,116' MD / 6,974' TVD	17.0 ppf	J-55, LTC	New

CASING SPECIFICATIONS:

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

FLOAT EQUIPMENT:

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1st 4 Joints then every 4th joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1st 4 Joints then every 4th joint to 500' into surface casing**4. Cementing Programs**

CONDUCTOR (13 3/8"):

Ready Mix – Cement to surface

SURFACE (8 5/8")

Cement Top - Surface

Surface – 500'

Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,000 MD / 1, 033' TVD±

Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

PRODUCTION (5 1/2")

Cement Top – 500'

500' - 3,500'±

Lead: 175 sks – ECONOCEM Cement w/ additives, 10.5 ppg, 3,78 cf/sx, 20% excess

3,500' – 7,083' MD / 7,054' TVD

Tail: 275 sks, Lightweight Premium Cement w/ additives, 12.0 ppg, 2.31 cf/sk, 20% excess

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
- 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
 - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
 - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
 - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
 - 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000 MD / 1, 033' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000 MD / 1, 033' TVD - 7,083' MD / 7,054' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

6. Evaluation Program - Testing, Logging, and Coring

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H₂S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

8. Other Information and Notification Requirements

- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).
 - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
 - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Notification Requirements for **Utah Division of Oil, Gas and Mining**:
 - **Within 24 hrs. of spud (Carol Daniels at 801/538-5284)**

- **24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)**
- **24 hrs. prior to cementing or testing casing (Dan Jarvis)**
- **Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)**

C) Notification Requirements BLM Vernal **when drilling on Federal leases as follows: (Cade T Taylor @ cctaylor@blm.gov and Blm ut vn opreport@blm.gov:**

- **Within 24 hrs. of spud (Carol Daniels at 801/538-5284)**
- **24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)**
- **24 hrs. prior to cementing or testing casing (Dan Jarvis)**
- **Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)**

D) Any changes in the program must be approved by the **Utah Division of Oil, Gas and Mining** and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

- Operator's name, address, and telephone number.
- Well name and number.
- Well location (1/4 1/4, Section, Township, Range and P.M.)
- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

T8S, R20E, S.L.B.&M.**ULTRA RESOURCES, INC.**

Well location, THREE RIVERS FED
#4-311-820, located as shown in LOT 2 of
Section 4, T8S, R20E, S.L.B.&M, Uintah County,
Utah.

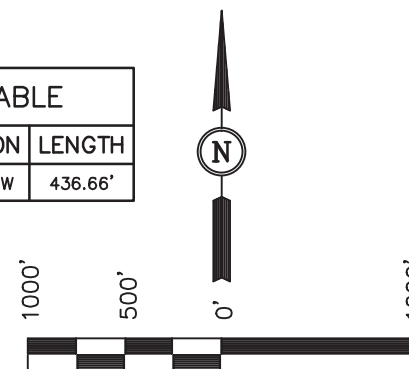
BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION
9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE,
QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S13°10'52"W	436.66'



SCALE
CERTIFICATE

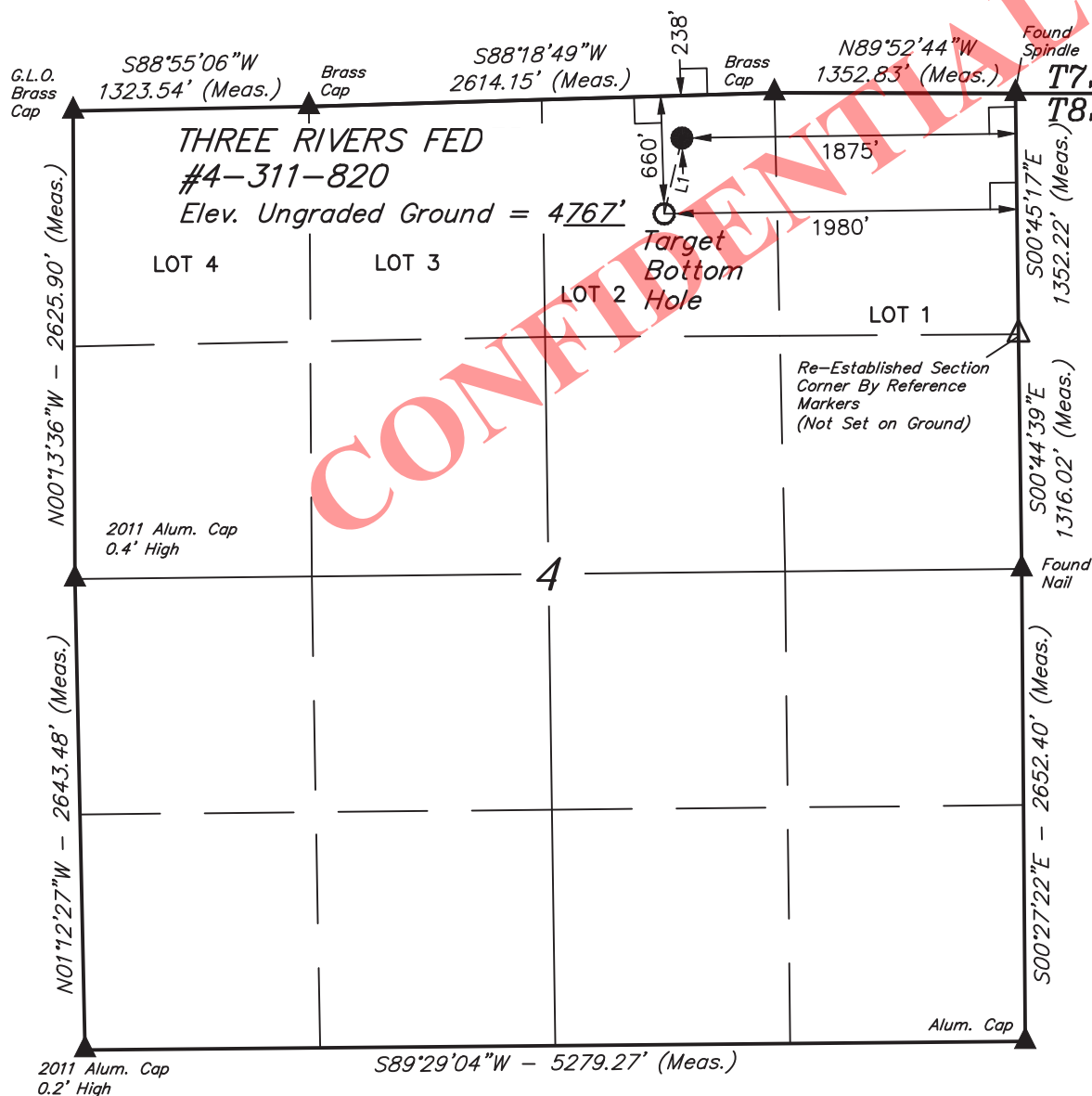
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REV: 01-09-14 S.S.
REV: 12-16-13 J.J.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-26-13	DATE DRAWN: 10-17-13
PARTY T.A. J.L. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	

**LEGEND:**

△ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

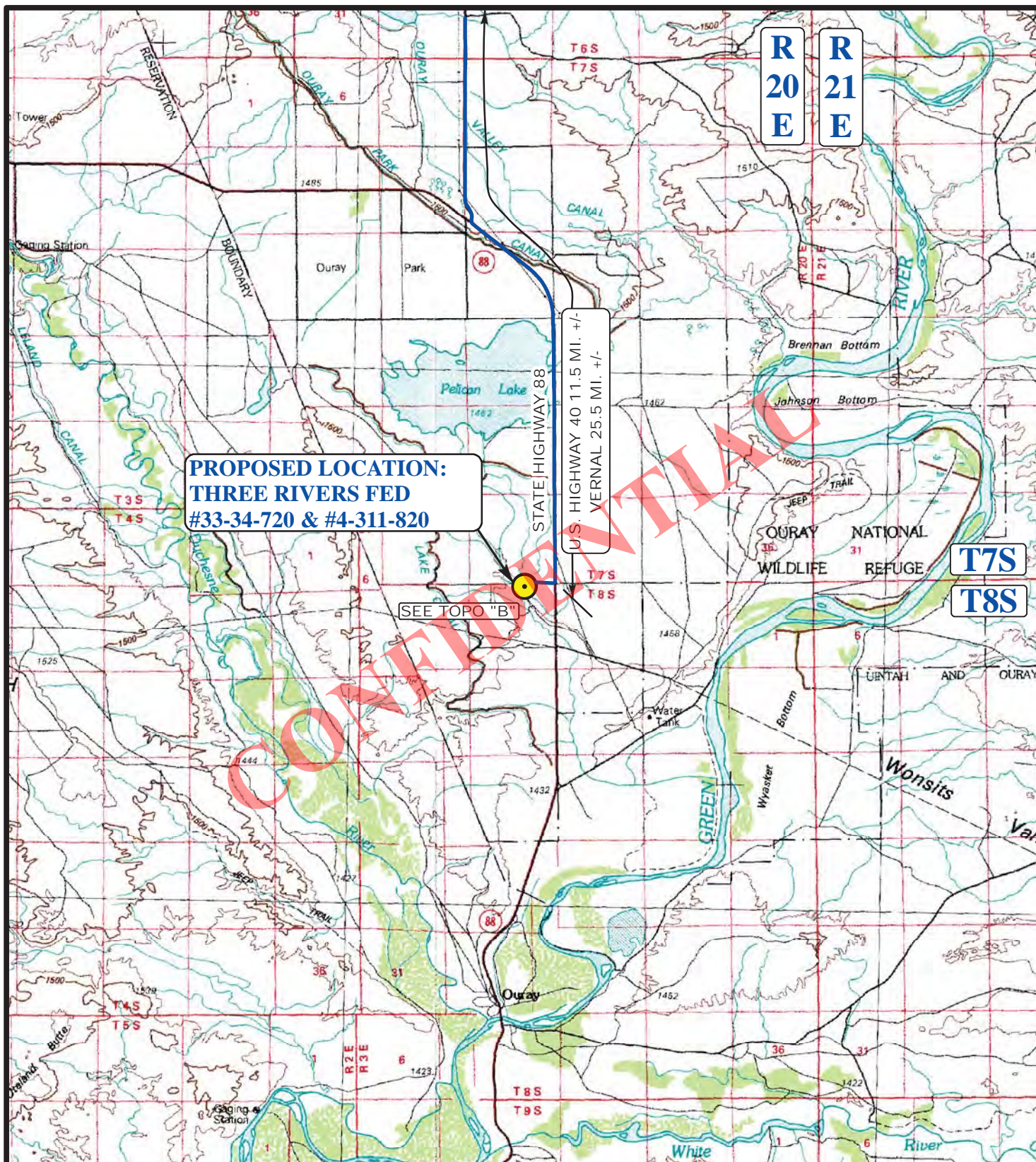
└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°09'25.91" (40.157197)	LATITUDE = 40°09'30.07" (40.158353)
LONGITUDE = 109°40'16.84" (109.671344)	LONGITUDE = 109°40'15.51" (109.670975)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°09'26.05" (40.157236)	LATITUDE = 40°09'30.21" (40.158392)
LONGITUDE = 109°40'14.34" (109.670650)	LONGITUDE = 109°40'13.01" (109.670281)

RECEIVED: January 21, 2014



LEGEND:

 **PROPOSED LOCATION**



ULTRA RESOURCES, INC.

THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

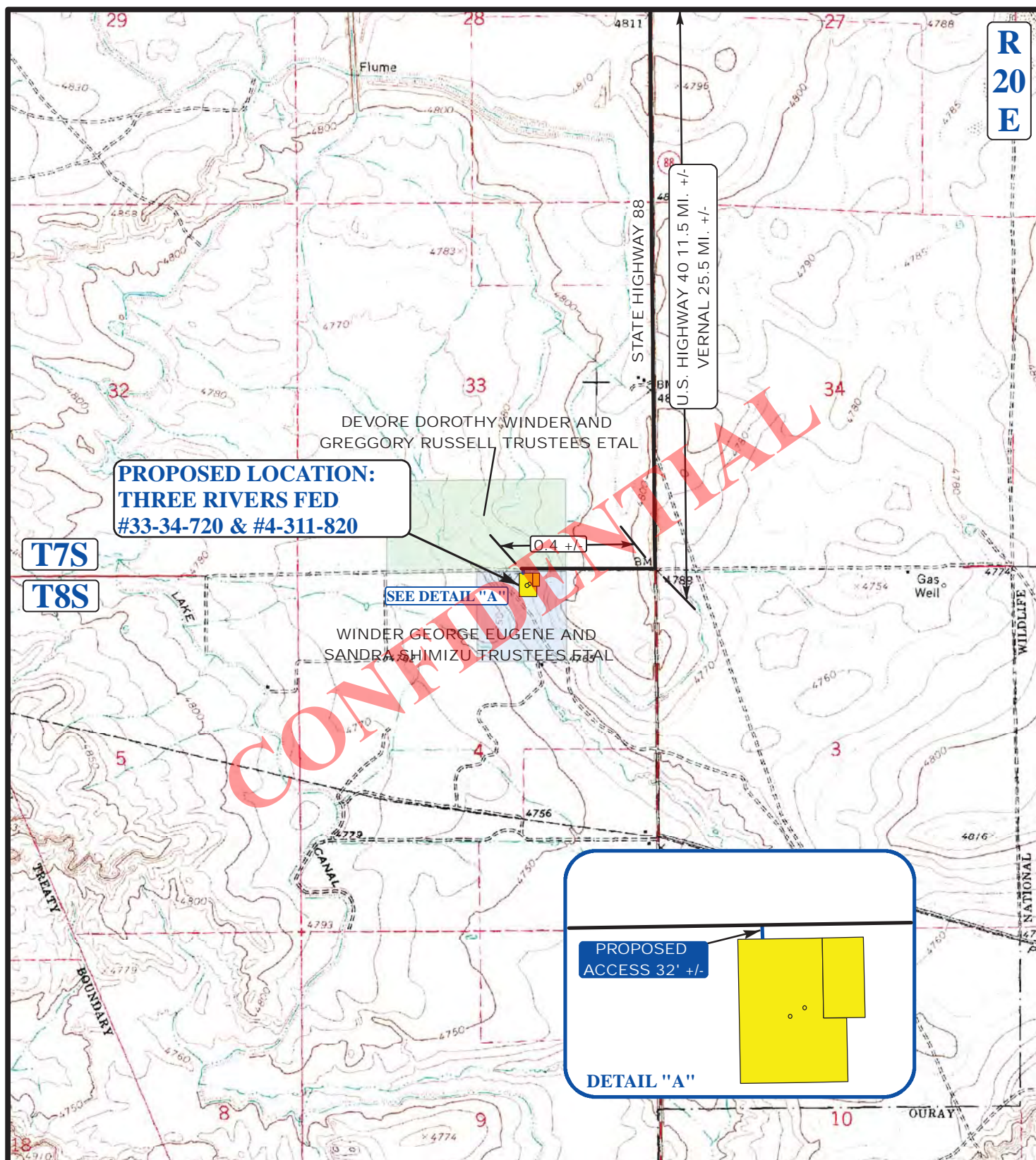
**ACCESS ROAD
 MAP**

10 02 13
 MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: L.S. REV: 01-10-14 J.M.C.

RECEIVED: January 21, 2014

**LEGEND:**

— EXISTING ROADS
- - - PROPOSED ACCESS ROAD



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**ULTRA RESOURCES, INC.**

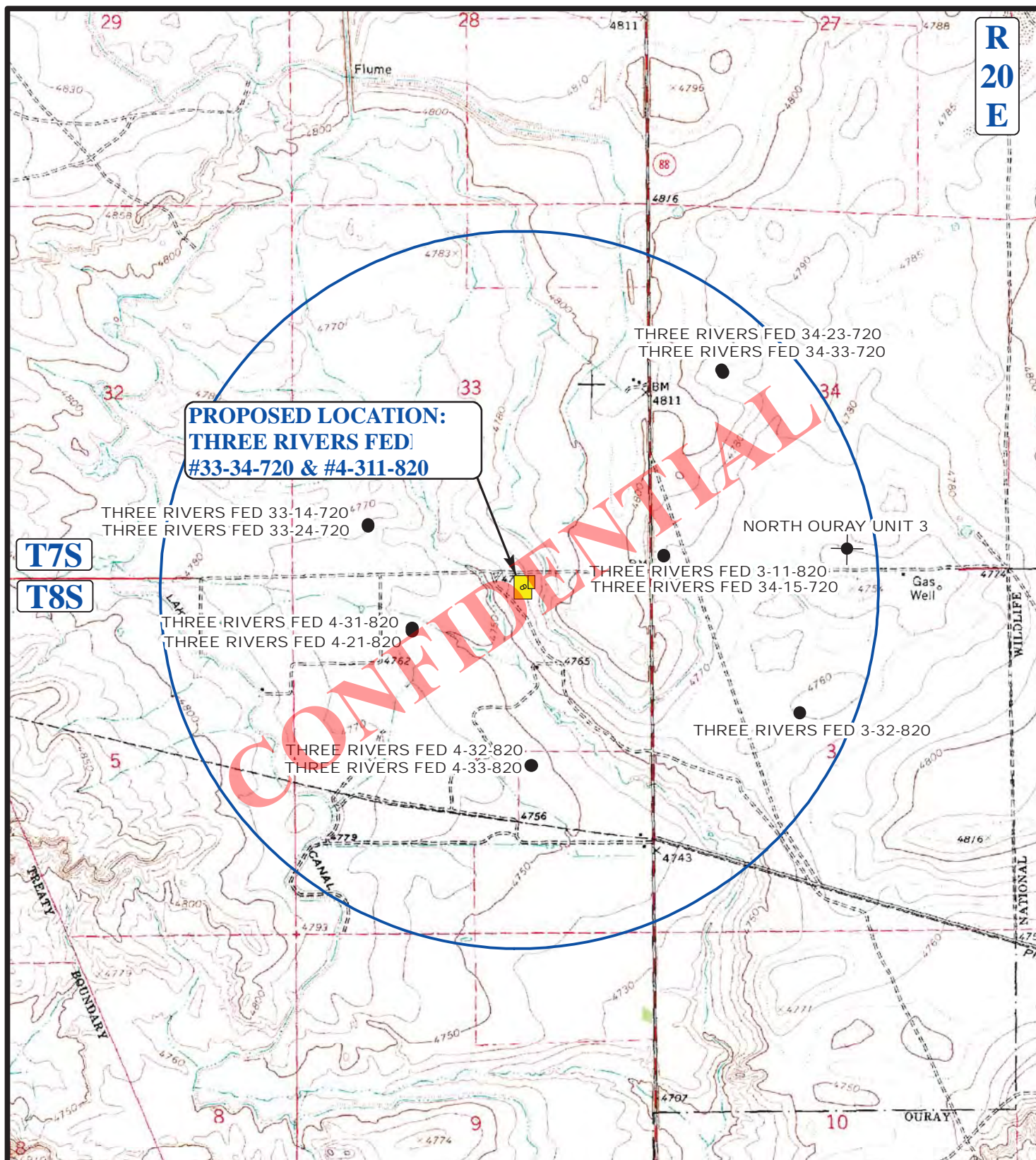
THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2

**ACCESS ROAD
MAP**

10 02 13
MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 01-10-14 J.M.C.

**B
TOPO**

**LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- ABANDONED WELLS
- SHUT IN WELLS
- TEMPORARILY ABANDONED



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**ULTRA RESOURCES, INC.**

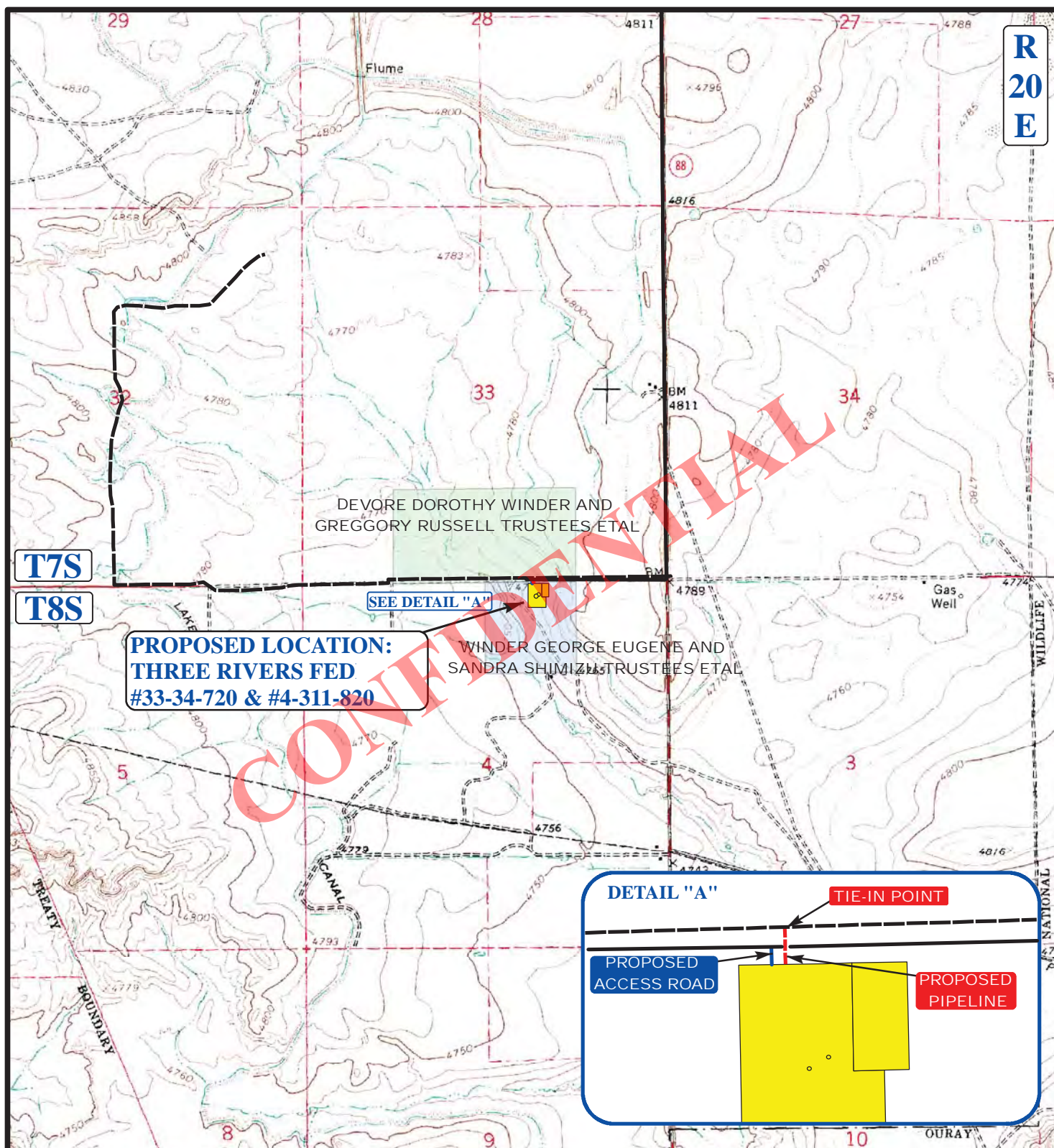
THREE RIVERS FED #33-34-720 & #4-311-820
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LOT 2

**TOPOGRAPHIC
MAP**

10 02 13
MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 01-10-14 J.M.C.





APPROXIMATE TOTAL PIPELINE DISTANCE = 37' +/-

LEGEND:

	EXISTING ROADS
	PROPOSED ACCESS ROAD
	EXISTING PIPELINE
	PROPOSED PIPELINE

ULTRA RESOURCES, INC.

THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2



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 85 South 200 East Vernal, Utah 84078
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**TOPOGRAPHIC
MAP**

10 02 13
 MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 01-10-14 J.M.C.



RECEIVED: January 21, 2014

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ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)
 Field: UTAH COUNTY Well: Three Rivers Fed 4-311-820
 Facility: Sec.04-T8S-R20E Wellbore: Three Rivers Fed 4-311-820 PWB

Targets

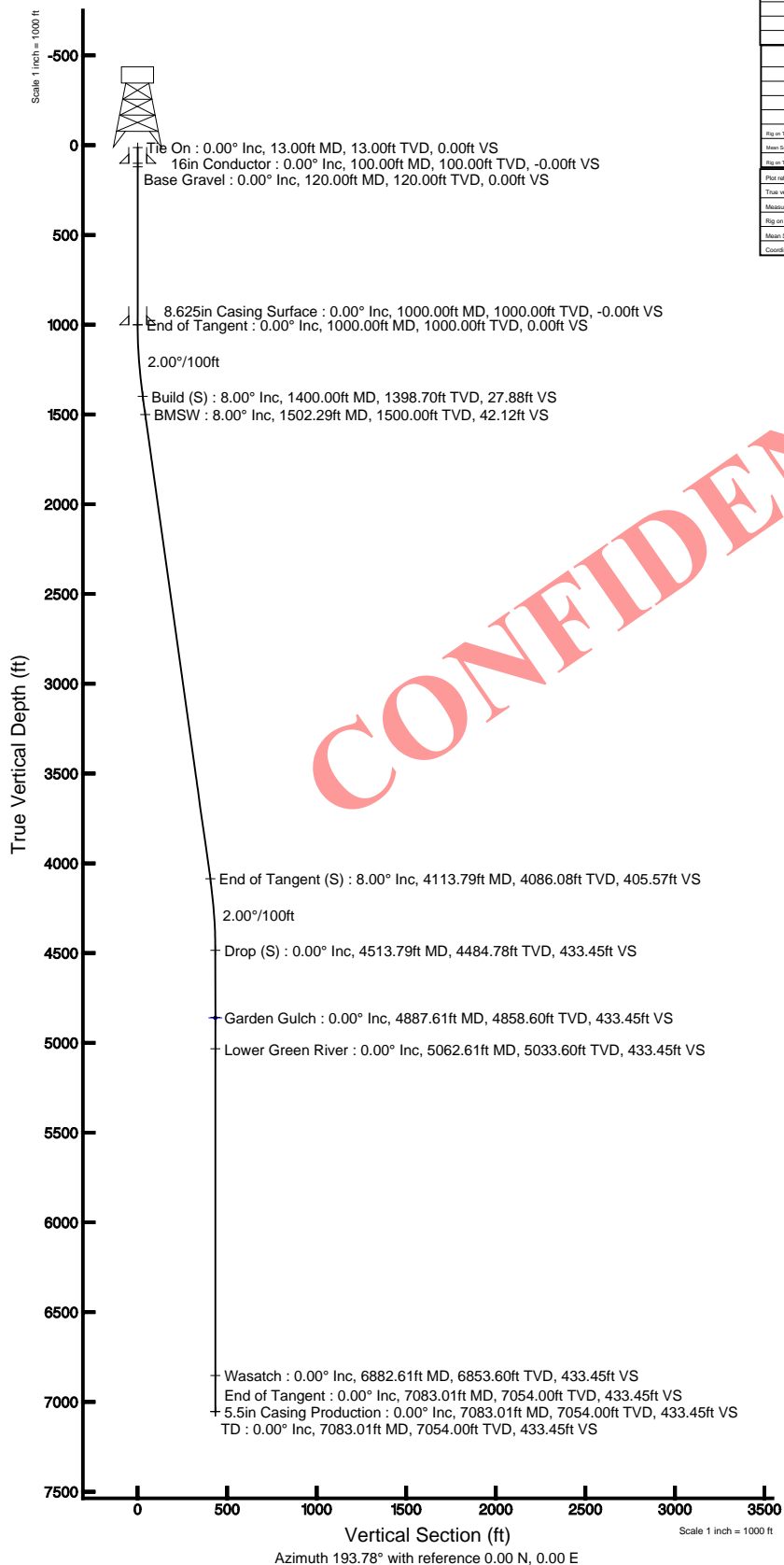
Targets								
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US N)	Grid North (US N)	Latitude	Longitude
Three Rivers Fed 4-311-820 Target On Plat (660' FNL & 1880' FEL)		4881.00	-420.96	-103.27	2101462.32	7231208.44	40°09'25.91"N	109°40'16.84"W

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.000	193.783	13.00	0.00	0.00	0.00	0.00
End of Tangent	1000.00	0.000	193.783	1000.00	0.00	0.00	0.00	0.00
Build (S)	1400.00	8.000	193.783	1398.70	-27.08	-6.64	2.00	27.88
End of Tangent (S)	4113.79	8.000	193.783	4086.08	-393.89	-96.62	0.00	405.57
Drop (S)	4513.79	0.000	193.783	4484.78	-420.96	-103.27	2.00	433.45
End of Tangent	7083.01	0.000	193.783	7054.00	-420.96	-103.27	0.00	433.45

Location Information

Facility Name		Grid East (US N)	Grid North (US N)	Latitude	Longitude	
Sec 04 T8S-R20E		210127.011	723065.136	40°09'25.112"N	109°40'16.847"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US N)	Grid North (US N)	Latitude	Longitude
Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)	1037.80	-153.55	2101276.880	7231631.387	40°09'25.912"N	109°40'16.847"W
Rig on Three Rivers Fed 4-311-820 (275' FNL & 1895' FEL) (RT) to Mud line (At Slot: Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL))					4760	
Mean Sea Level to Mud line (At Slot: Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL))					0	
Rig on Three Rivers Fed 4-311-820 (275' FNL & 1895' FEL) (RT) to Mean Sea Level					4760	
Plot reference wellpath is Three Rivers Fed 4-311-820 PWB						
True vertical depths are referenced to Rig on Three Rivers Fed 4-311-820 (275' FNL & 1895' FEL) (RT)						
Measured depths are referenced to Rig on Three Rivers Fed 4-311-820 (275' FNL & 1895' FEL) (RT)						
Rig on Three Rivers Fed 4-311-820 (275' FNL & 1895' FEL) (RT) to Mean Sea Level: 4760 feet						
Mean Sea Level to Mud line (At Slot: Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)) 0 feet						
Coordinates are in feet referenced to Slot						
			Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US foot			
			North Reference: True north			
			Scale: True distance			
			Depths are in feet			
			Created by: welltools on 1/17/2014			





Planned Wellpath Report

Three Rivers Fed 4-311-820 PWP

Page 1 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fedl 4-311-820 PWB
Facility	Sec.04-T8S-R20E		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	EWilliams
Scale	0.999915	Report Generated	1/17/2014 at 2:02:14 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_Fedl_4-311-820_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	1007.93	-1530.35	2151576.95	7231631.39	40°09'30.070"N	109°40'15.510"W
Facility Reference Pt			2153127.51	7230655.14	40°09'20.110"N	109°39'55.800"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers Federal 4-311-820 (275' FNL & 1935' FEL) (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers Federal 4-311-820 (275' FNL & 1935' FEL) (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers Federal 4-311-820 (275' FNL & 1935' FEL) (RT)	Rig on Three Rivers Federal 4-311-820 (275' FNL & 1935' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL) (RT) to Mean Sea Level)
MD Reference Pt	Rig on Three Rivers Federal 4-311-820 (275' FNL & 1935' FEL) (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth

CONFIDENTIAL



Planned Wellpath Report

Three Rivers Fed 4-311-820 PWP

Page 2 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fedl 4-311-820 PWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (82 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	193.783	0.00	0.00	0.00	0.00	0.00	
13.00	0.000	193.783	13.00	0.00	0.00	0.00	0.00	
113.00†	0.000	193.783	113.00	0.00	0.00	0.00	0.00	
120.00†	0.000	193.783	120.00	0.00	0.00	0.00	0.00	Base Gravel
213.00†	0.000	193.783	213.00	0.00	0.00	0.00	0.00	
313.00†	0.000	193.783	313.00	0.00	0.00	0.00	0.00	
413.00†	0.000	193.783	413.00	0.00	0.00	0.00	0.00	
513.00†	0.000	193.783	513.00	0.00	0.00	0.00	0.00	
613.00†	0.000	193.783	613.00	0.00	0.00	0.00	0.00	
713.00†	0.000	193.783	713.00	0.00	0.00	0.00	0.00	
813.00†	0.000	193.783	813.00	0.00	0.00	0.00	0.00	
913.00†	0.000	193.783	913.00	0.00	0.00	0.00	0.00	
1000.00	0.000	193.783	1000.00	0.00	0.00	0.00	0.00	
1013.00†	0.260	193.783	1013.00	0.03	-0.03	-0.01	2.00	
1113.00†	2.260	193.783	1112.97	2.23	-2.16	-0.53	2.00	
1213.00†	4.260	193.783	1212.80	7.91	-7.69	-1.89	2.00	
1313.00†	6.260	193.783	1312.38	17.08	-16.59	-4.07	2.00	
1400.00	8.000	193.783	1398.70	27.88	-27.08	-6.64	2.00	
1413.00†	8.000	193.783	1411.58	29.69	-28.83	-7.07	0.00	
1502.29†	8.000	193.783	1500.00	42.12	-40.90	-10.03	0.00	BMSW
1513.00†	8.000	193.783	1510.60	43.61	-42.35	-10.39	0.00	
1613.00†	8.000	193.783	1609.63	57.52	-55.87	-13.70	0.00	
1713.00†	8.000	193.783	1708.66	71.44	-69.38	-17.02	0.00	
1813.00†	8.000	193.783	1807.68	85.36	-82.90	-20.34	0.00	
1913.00†	8.000	193.783	1906.71	99.28	-96.42	-23.65	0.00	
2013.00†	8.000	193.783	2005.74	113.19	-109.93	-26.97	0.00	
2113.00†	8.000	193.783	2104.76	127.11	-123.45	-30.28	0.00	
2213.00†	8.000	193.783	2203.79	141.03	-136.97	-33.60	0.00	
2313.00†	8.000	193.783	2302.82	154.94	-150.48	-36.92	0.00	
2413.00†	8.000	193.783	2401.84	168.86	-164.00	-40.23	0.00	
2513.00†	8.000	193.783	2500.87	182.78	-177.52	-43.55	0.00	
2613.00†	8.000	193.783	2599.90	196.70	-191.03	-46.86	0.00	
2713.00†	8.000	193.783	2698.92	210.61	-204.55	-50.18	0.00	
2813.00†	8.000	193.783	2797.95	224.53	-218.07	-53.49	0.00	
2913.00†	8.000	193.783	2896.98	238.45	-231.58	-56.81	0.00	
3013.00†	8.000	193.783	2996.00	252.37	-245.10	-60.13	0.00	
3113.00†	8.000	193.783	3095.03	266.28	-258.62	-63.44	0.00	
3213.00†	8.000	193.783	3194.06	280.20	-272.13	-66.76	0.00	
3313.00†	8.000	193.783	3293.08	294.12	-285.65	-70.07	0.00	
3413.00†	8.000	193.783	3392.11	308.04	-299.17	-73.39	0.00	
3513.00†	8.000	193.783	3491.14	321.95	-312.68	-76.70	0.00	
3613.00†	8.000	193.783	3590.16	335.87	-326.20	-80.02	0.00	
3713.00†	8.000	193.783	3689.19	349.79	-339.72	-83.34	0.00	
3813.00†	8.000	193.783	3788.22	363.70	-353.23	-86.65	0.00	
3913.00†	8.000	193.783	3887.25	377.62	-366.75	-89.97	0.00	



Planned Wellpath Report

Three Rivers Fed 4-311-820 PWP

Page 3 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fedl 4-311-820 PWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (82 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4013.00†	8.000	193.783	3986.27	391.54	-380.26	-93.28	0.00	
4113.00†	8.000	193.783	4085.30	405.46	-393.78	-96.60	0.00	
4113.79	8.000	193.783	4086.08	405.57	-393.89	-96.62	0.00	
4213.00†	6.016	193.783	4184.55	417.67	-405.64	-99.51	2.00	
4313.00†	4.016	193.783	4284.16	426.41	-414.13	-101.59	2.00	
4413.00†	2.016	193.783	4384.01	431.67	-419.24	-102.84	2.00	
4513.00†	0.016	193.783	4483.99	433.45	-420.96	-103.27	2.00	
4513.79	0.000	193.783	4484.78†	433.45	-420.96	-103.27	2.00	
4613.00†	0.000	193.783	4583.99	433.45	-420.96	-103.27	0.00	
4713.00†	0.000	193.783	4683.99	433.45	-420.96	-103.27	0.00	
4813.00†	0.000	193.783	4783.99	433.45	-420.96	-103.27	0.00	
4887.61†	0.000	193.783	4858.60	433.45	-420.96	-103.27	0.00	Garden Gulch
4913.00†	0.000	193.783	4883.99	433.45	-420.96	-103.27	0.00	
5013.00†	0.000	193.783	4983.99	433.45	-420.96	-103.27	0.00	
5062.61†	0.000	193.783	5033.60	433.45	-420.96	-103.27	0.00	Lower Green River
5113.00†	0.000	193.783	5083.99	433.45	-420.96	-103.27	0.00	
5213.00†	0.000	193.783	5183.99	433.45	-420.96	-103.27	0.00	
5313.00†	0.000	193.783	5283.99	433.45	-420.96	-103.27	0.00	
5413.00†	0.000	193.783	5383.99	433.45	-420.96	-103.27	0.00	
5513.00†	0.000	193.783	5483.99	433.45	-420.96	-103.27	0.00	
5613.00†	0.000	193.783	5583.99	433.45	-420.96	-103.27	0.00	
5713.00†	0.000	193.783	5683.99	433.45	-420.96	-103.27	0.00	
5813.00†	0.000	193.783	5783.99	433.45	-420.96	-103.27	0.00	
5913.00†	0.000	193.783	5883.99	433.45	-420.96	-103.27	0.00	
6013.00†	0.000	193.783	5983.99	433.45	-420.96	-103.27	0.00	
6113.00†	0.000	193.783	6083.99	433.45	-420.96	-103.27	0.00	
6213.00†	0.000	193.783	6183.99	433.45	-420.96	-103.27	0.00	
6313.00†	0.000	193.783	6283.99	433.45	-420.96	-103.27	0.00	
6413.00†	0.000	193.783	6383.99	433.45	-420.96	-103.27	0.00	
6513.00†	0.000	193.783	6483.99	433.45	-420.96	-103.27	0.00	
6613.00†	0.000	193.783	6583.99	433.45	-420.96	-103.27	0.00	
6713.00†	0.000	193.783	6683.99	433.45	-420.96	-103.27	0.00	
6813.00†	0.000	193.783	6783.99	433.45	-420.96	-103.27	0.00	
6882.61†	0.000	193.783	6853.60	433.45	-420.96	-103.27	0.00	Wasatch
6913.00†	0.000	193.783	6883.99	433.45	-420.96	-103.27	0.00	
7013.00†	0.000	193.783	6983.99	433.45	-420.96	-103.27	0.00	
7083.01	0.000	193.783	7054.00	433.45	-420.96	-103.27	0.00	TD



Planned Wellpath Report

Three Rivers Fed 4-311-820 PWP

Page 4 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (238' FNL & 1875' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fedl 4-311-820 PWB
Facility	Sec.04-T8S-R20E		

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fedl 4-311-820 PWB Ref Wellpath: Three Rivers Fed 4-311-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	100.00	87.00	13.00	100.00	0.00	0.00	0.00	0.00
12.25in Open Hole	100.00	1000.00	900.00	100.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7083.01	6083.01	1000.00	7054.00	0.00	0.00	-420.96	-103.27
5.5in Casing Production	13.00	7083.01	7070.01	13.00	7054.00	0.00	0.00	-420.96	-103.27

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 4-311-820 Target On Plat (660' FNL & 1980' FEL)		4861.00	-420.96	-103.27	2151482.32	7231208.44	40°09'25.910"N	109°40'16.840"W	point

CONFIDENTIAL

AFFIDAVIT OF SURFACE USE AGREEMENT & GRANT OF EASEMENTS

Book 1342 Page 748

I, Tab McGinley, Affiant, being duly sworn depose and say:

THAT, I am the Vice President of Land for Axia Energy, LLC, a Delaware limited liability corporation authorized to do business in Utah (hereinafter referred to as "Axia"), 1430 Larimer Street, Suite 400, Denver, CO 80202. Axia owns, operates and manages oil and gas interests in the State of Utah including the lands described below located in Uintah County, Utah.

WHEREAS, Axia has on file a signed Pipeline Easement for lands located in Uintah County as follows:

Township 8 South Range 20 East
Section 4: NWNE

Land Owner: George Eugene Winder and Sandra Jeanne Shimizu Winder

THEREFORE, Axia is filing this Affidavit of Record in the Records of Uintah County, Utah to **provide constructive notice to the public** and that any inquiries or any emergencies that may occur which require immediate notification and handling by Axia should be directed to:

AXIA ENERGY, LLC
1430 Larimer Street
Suite 400
Denver, CO 80202
Main Phone: 720-746-5200
Emergency Phone: 1-800-474-2430

Entry 2013007255
Book 1342 Page 748 \$10.00
29-JUL-13 02:29
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
AXIA ENERGY
1430 LARIMER ST STE 400 DENVER, CO
Rec By: DEBRA ROOKS , DEPUTY

Further Affiant sayeth not.

Subscribed and sworn to before me this 25th day of July, 2013.

Tab McGinley
Vice President, Land

STATE OF COLORADO)

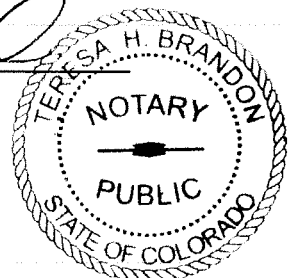
} ss

COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by Tab McGinley, Vice President of Land, this 25th day of July, 2013.

Teresa H. Brandon
Notary Public

My Commission Expires: 8/7/16



BOP Equipment

3000psi WP

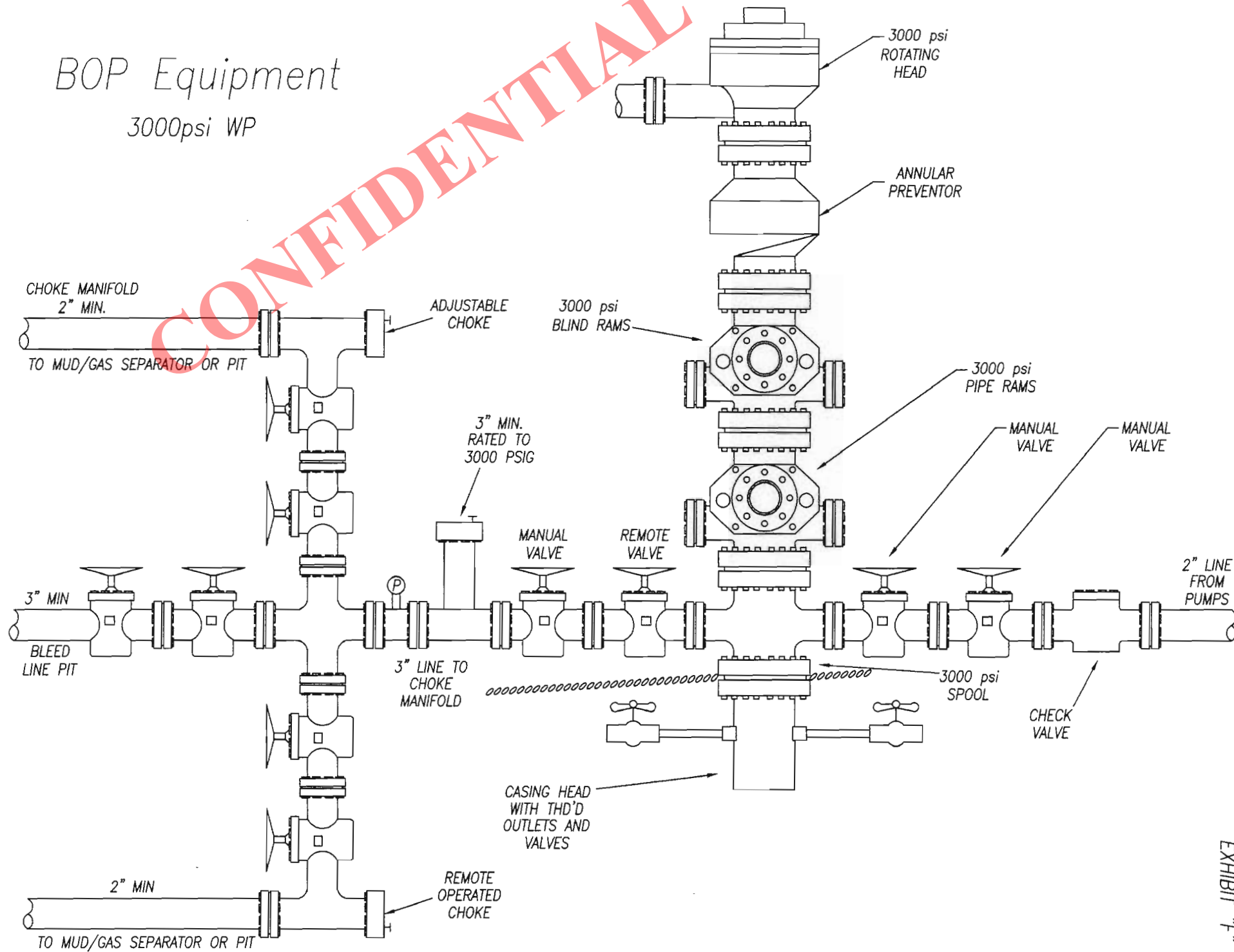


EXHIBIT "F"



Ultra Resources, Inc.

March 7, 2014

Mr. Dustin Doucet
Utah Division of Oil, Gas & Mining
1594 West North Temple
Salt Lake City, Utah 84116

RE: **Directional Drilling – Docket No. 2013-030 / Cause No. 270-02**
Three Rivers Fed 4-311-820 (API # 43-047-54254)
SHL: NWNE Lot 2 Sec 4-T8S-R20E
BHL: NWNE Lot 2 Sec 4-T8S-R20E
Uintah County, UT

Mr. Doucet:

Ultra Resources respectfully submits the below specifics concerning the proposed directional drilling of the subject well:

- Ultra Resources, LLC is the sole owner of 100% of the leasehold rights within 460' around proposed bottom hole location and point of penetration of productive interval.
- Ultra Resources, LLC owns 100% of the Federal leasehold estates under Lease UTU-85994 and Lease UTU-85592.
- The directional drilling of the well is proposed to limit surface disturbance within the project and affected surface owners.

Therefore, based on the above stated information, Ultra Resources requests the permit be granted pursuant to Cause No. 270-02.

Thank you in advance for your consideration. Please feel free to contact me at 303-645-9810 if you have any questions or comments.

Sincerely,

Debbie Ghani
Sr. Permitting Specialist

304 Inverness Way South, Suite 295, Englewood, CO 80112
Telephone 303-708-9740 Facsimile 303-708-9748

RECEIVED: March 07, 2014

ULTRA RESOURCES, INC.

LOCATION LAYOUT FOR

THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2

FIGURE #1

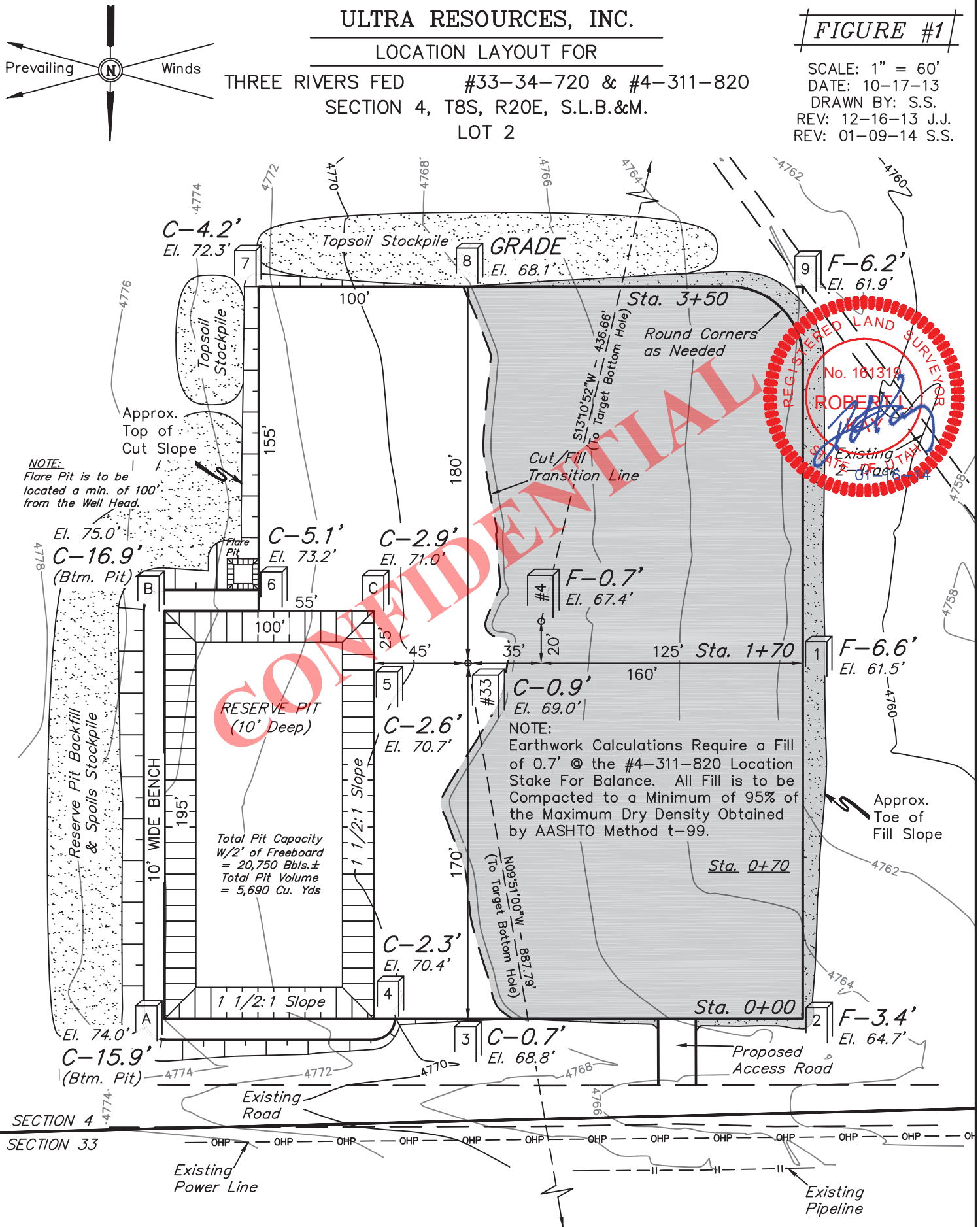
SCALE: 1" = 60'

DATE: 10-17-13

DRAWN BY: S.S.

REV: 12-16-13 J.J.

REV: 01-09-14 S.S.



RECEIVED: January 21, 2014

ULTRA RESOURCES, INC.

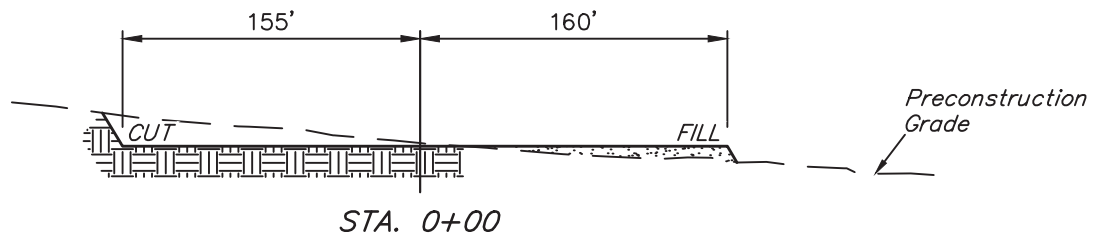
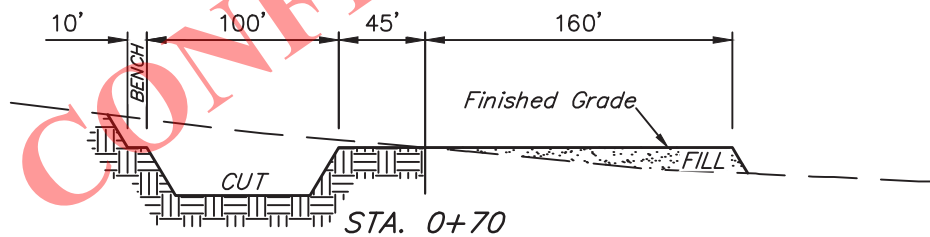
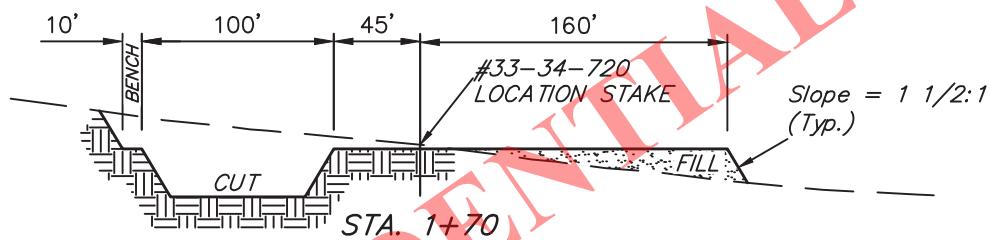
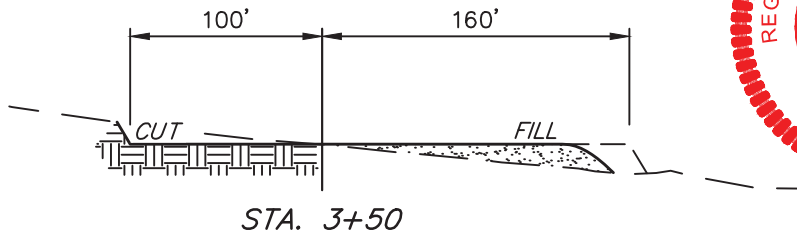
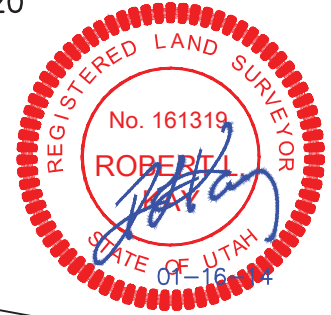
TYPICAL CROSS SECTIONS FOR

THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2

FIGURE #2

X-Section
Scale
1" = 100'

DATE: 10-17-13
DRAWN BY: S.S.
REV: 12-16-13 J.J.
REV: 01-09-14 S.S.



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGE

WELL SITE DISTURBANCE = ± 4.016 ACRES
PIPELINE DISTURBANCE = ± 0.026 ACRES
TOTAL = ± 4.042 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,160 Cu. Yds.
Remaining Location = 10,740 Cu. Yds.
TOTAL CUT = 12,900 CU. YDS.
FILL = 7,890 CU. YDS.

EXCESS MATERIAL = 5,010 Cu. Yds.
Topsoil & Pit Backfill = 5,010 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: January 21, 2014

ULTRA RESOURCES, INC.

TYPICAL RIG LAYOUT FOR

THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2

FIGURE #3

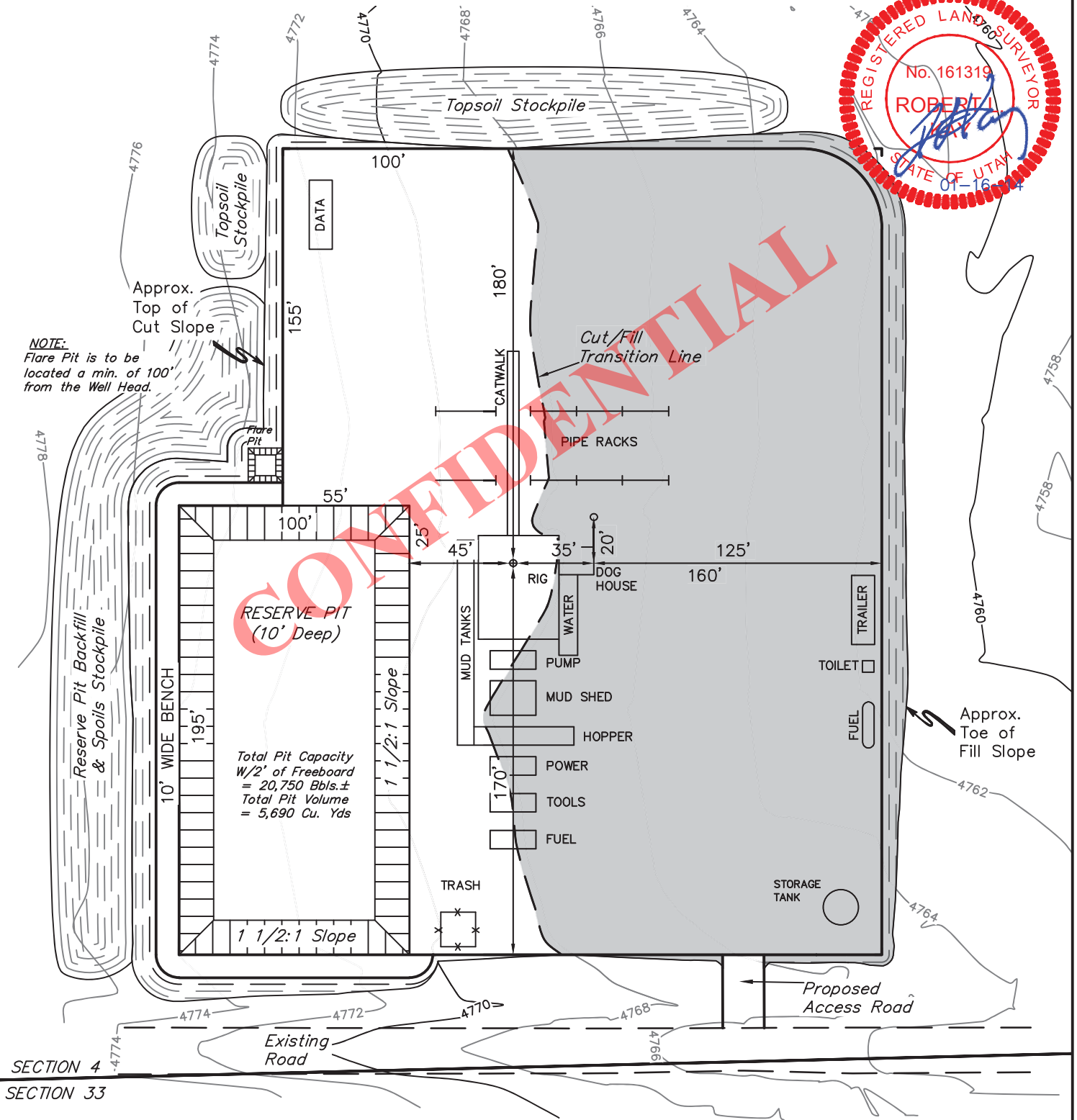
SCALE: 1" = 60'

DATE: 10-17-13

DRAWN BY: S.S.

REV: 12-16-13 J.J.

REV: 01-09-14 S.S.



ULTRA RESOURCES, INC.

INTERIM RECLAMATION LAYOUT FOR

THREE RIVERS FED #33-34-720 & #4-311-820
SECTION 4, T8S, R20E, S.L.B.&M.
LOT 2

FIGURE #4

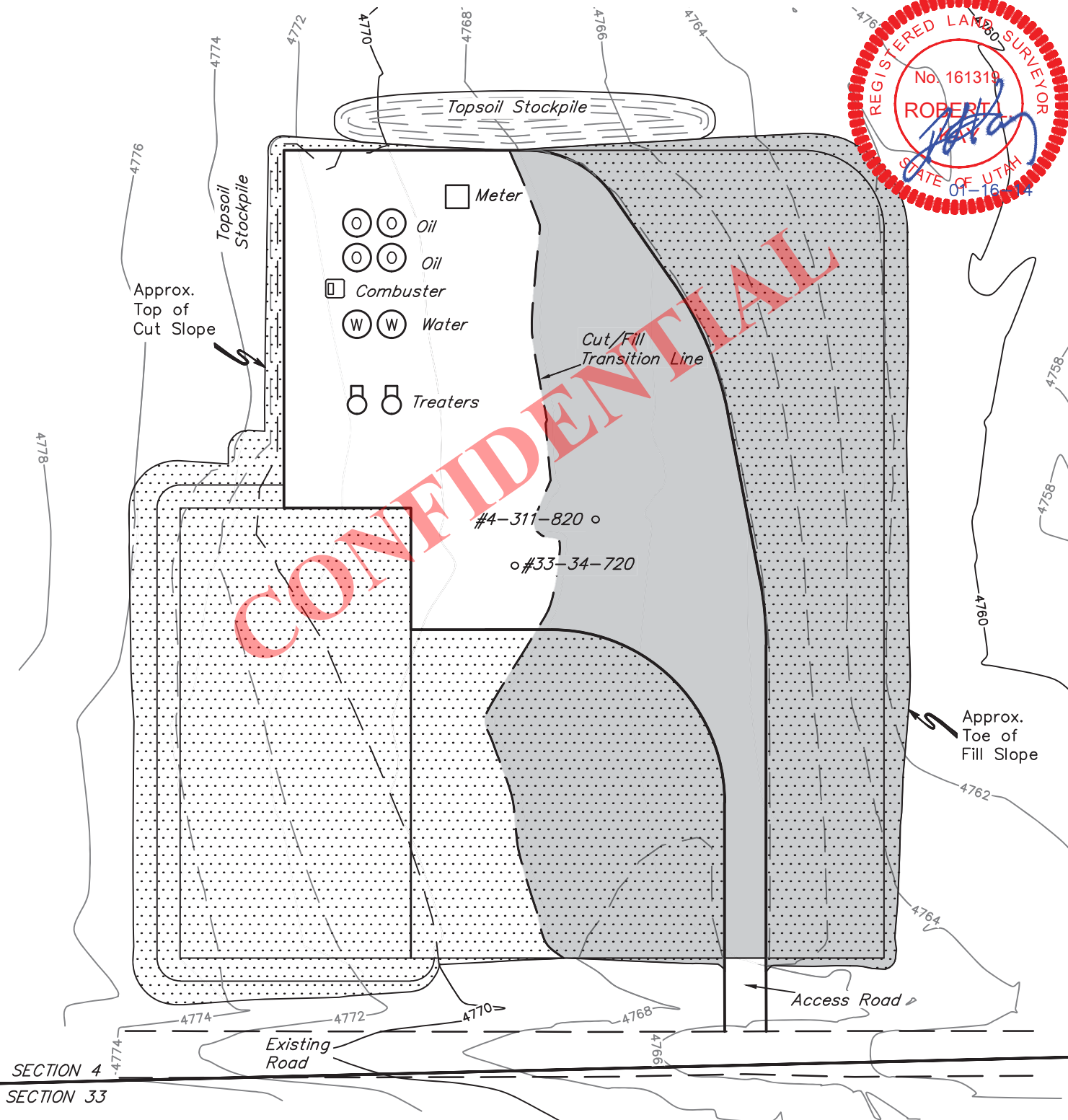
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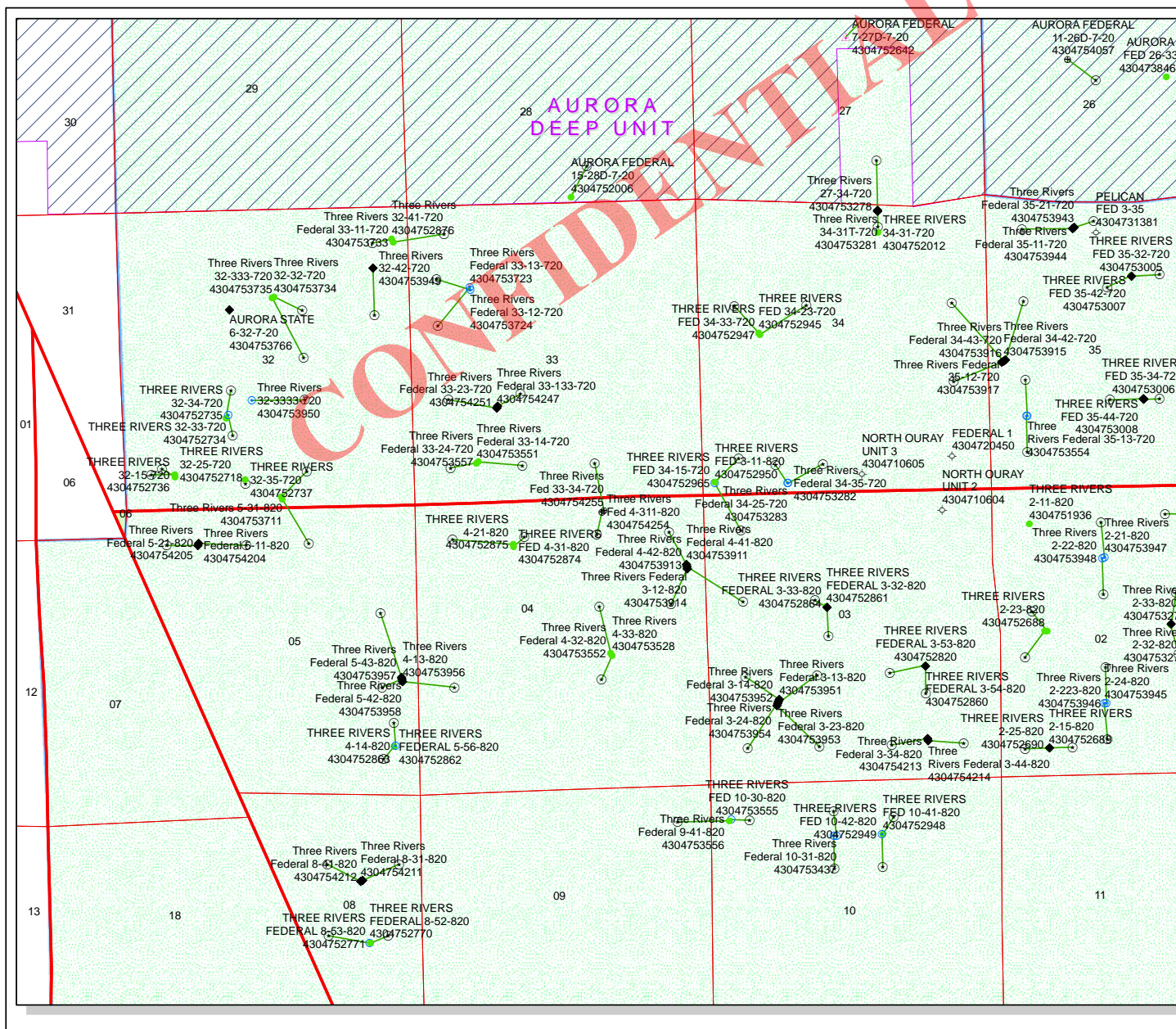
DATE: 10-17-13

DRAWN BY: S.S.

REV: 12-16-13 J.J.

REV: 01-09-14 S.S.





API Number: 4304754254

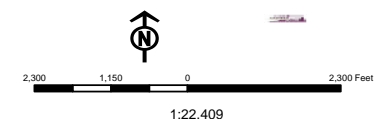
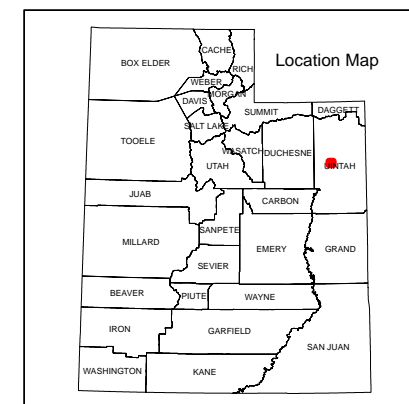
Well Name: Three Rivers Fed 4-311-820

Township: T08.0S Range: R20.0E Section: 04 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 3/7/2014
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERMAL	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned		Fields	
TS - Test Well		Status	
WOW - Water Disposal		Unknown	
WW - Water Injection Well		ABANDONED	
WSW - Water Supply Well		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	



Operator	ULTRA RESOURCES INC										
Well Name	Three Rivers Fed 4-311-820										
API Number	43047542540000				APD No	9295	Field/Unit	THREE RIVERS			
Location: 1/4,1/4	NWNE	Sec	4	Tw	8.0S	Rng	20.0E	238	FNL	1875	FEL
GPS Coord (UTM)	613192	4446187			Surface Owner	George Eugene & Sandra Winder Trustees ETAL					

Participants

Jim Burns (permit contractor), Bart Hunting (surveyor), Richard Powell (UDOGM)

Regional/Local Setting & Topography

This well is located approximately 0.4 miles west of highway 88 approximately 5 miles north of Ouray, Utah and approximately 2 miles south of Pelican Lake. The area around this location is generally quite flat. There are large farm fields and pasture lands in the area. This proposed well site slopes gently west.

Surface Use Plan

Current Surface Use

Grazing

New Road Miles

Well Pad

Src Const Material

Surface Formation

0.01

Width 260 Length 350

Offsite

ALLU

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Desert grasses, grease wood, rabbit brush

Antelope habitat

Soil Type and Characteristics

Sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues Y

Will likely require gravel for equipment stabilization.

Drainage Diversion Required? N

Berm Required? N**Erosion Sedimentation Control Required? N****Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		50 1 Sensitivity Level

Characteristics / Requirements

The reserve pit as proposed is 195ft x 100ft x 10ft deep and is to be placed in a cut stable location. This pit will require a 16 mil liner and felt subliner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

This is a proposed two well pad to be shared with 4304754255

Richard Powell
Evaluator

3/6/2014
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9295	43047542540000	LOCKED	OW	P	No
Operator	ULTRA RESOURCES INC		Surface Owner-APD	George Eugene & Sandra Winder Trustees ETAL	
Well Name	Three Rivers Fed 4-311-820		Unit		
Field	THREE RIVERS		Type of Work	DRILL	
Location	NWNE 4 8S 20E S 238 FNL 1875 FEL GPS Coord (UTM) 613188E 4446174N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

3/17/2014
Date / Time

Surface Statement of Basis

This proposed well site is on fee surface with federal minerals. Surface owners George and Sandra Winder were invited to attend this onsite inspection but stated they had no interest in attending and no concerns with drilling at this site. The proposed site is generally flat with only a gentle slope to the west. There is a dry wash at the west side of this location but it will not be altered by this location. A reserve pit will be built and will be placed in a cut stable location with a 16 mil liner and felt subliner. This appears to be a good spot for placement of this well.

Richard Powell
Onsite Evaluator

3/6/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/21/2014

API NO. ASSIGNED: 43047542540000

WELL NAME: Three Rivers Fed 4-311-820

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNE 04 080S 200E

Permit Tech Review: ☒

SURFACE: 0238 FNL 1875 FEL

Engineering Review: ☐

BOTTOM: 0660 FNL 1980 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.15830

LONGITUDE: -109.67094

UTM SURF EASTINGS: 613188.00

NORTHINGS: 4446174.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85994

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: FEDERAL - UTB000593
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 43-10988
- ☐ RDCC Review:
- ☒ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: Cause 270-02
- Effective Date: 11/9/2013
- Siting: (2) Wells Per Drilling Unit
- ☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason

RECEIVED: March 19, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Three Rivers Fed 4-311-820
API Well Number: 43047542540000
Lease Number: UTU85994
Surface Owner: FEE (PRIVATE)
Approval Date: 3/19/2014

Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #245, Englewood, CO 80112

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Three Rivers Fed 4-311-820
2. NAME OF OPERATOR: ULTRA RESOURCES INC	9. API NUMBER: 43047542540000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #245, Englewood, CO, 80112	PHONE NUMBER: 303 645-9810 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0238 FNL 1875 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: THREE RIVERS COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Ultra Resources respectfully requests changes to the approved drilling permit as indicated below: 1. Surface a. Casing: 8 5/8" 24.0 ppf; J-55; LTC; 1,370 psi collapse and 2,950 psi burst b. Lead Cement: 1/2 the hole height to surface consisting of Premium Lightweight cement w/ additives, 11.5 ppg, 2.97 cf/sk and 50% excess c. Tail Cement: TD to 1/2 the hole height consisting of Premium Lightweight cement with additives, 15.8 ppg, 1.16 cf/sk and 50% excess. 2. Production a. Casing: 5 1/2"; 17.0 ppf; J-55; LTC; 5,320' psi collapse and 5,320' psi burst b. Lead Cement: 500' to 4,000': 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess c. Tail Cement: 4,000' to TD: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: April 01, 2014

By: *Derek Quist*

NAME (PLEASE PRINT) Katherine Skinner	PHONE NUMBER 303 645-9872	TITLE Permitting Assistant
SIGNATURE N/A	DATE 3/28/2014	

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 28 2014

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

5. Lease Serial No.
UTU85994

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
THREE RIVERS FED 4-311-820

9. API Well No.

43 047 54254

10. Field and Pool, or Exploratory
UNDESIGNATED

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 4 T8S R20E Mer SLB

12. County or Parish
UINTAH

13. State
UT

17. Spacing Unit dedicated to this well

40.00

20. BLM/BIA Bond No. on file

UTB000593

23. Estimated duration
60 DAYS

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
ULTRA RESOURCES, INC. Contact: DON S HAMILTON
E-Mail: starpoint@etv.net

3a. Address
304 INVERNESS WAY SOUTH, SUITE 295
ENGLEWOOD, CO 80112

3b. Phone No. (include area code)
Ph: 435-719-2018
Fx: 435-719-2019

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NWNE Lot 2 238FNL 1875FEL 40.158353 N Lat, 109.670975 W Lon

At proposed prod. zone NWNE Lot 2 660FNL 1980FEL 40.157197 N Lat, 109.671344 W Lon

14. Distance in miles and direction from nearest town or post office*
25.9 MILES SOUTHWEST OF VERNAL, UTAH

15. Distance from proposed location to nearest property or
lease line, ft. (Also to nearest drig. unit line, if any)
238

16. No. of Acres in Lease

1818.00

18. Distance from proposed location to nearest well, drilling,
completed, applied for, on this lease, ft.
40

19. Proposed Depth

7083 MD
7054 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)
4767 GL

22. Approximate date work will start
02/07/2014

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
DON S HAMILTON Ph: 435-719-2018

Date
01/21/2014

Title
PERMITTING AGENT

Approved by (Signature)

Name (Printed/Typed)
Jerry Kenczka

Date
AUG 15 2014

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #232701 verified by the BLM Well Information System
For ULTRA RESOURCES, INC., sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 02/05/2014 ()

RECEIVED

AUG 27 2014

UDOGM

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: ULTRA RESOURCES, INC
Well No: Three Rivers Fed 4-311-820
API No: 43-047-54254

Location: NWNE LOT 2 SEC 04 T08S R20E
Lease No: UTU85994
Agreement:

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- Stationary internal combustion engines will comply with the following emission standards: 2 g/bhp-hr of NO_x for engines less than 300 HP and 1 g/bhp-hr of NO_x for engines over 300 HP.
- Either no or low bleed controllers will be installed on pneumatic pumps, actuators or other pneumatic devices.
- VOC venting controls or flaring will be utilized for oil or gas atmospheric storage tanks.
- VOC venting controls or flaring will be used for glycol dehydration and amine units.
- Where feasible, green completion will be used for well completion, re-completion, venting, or planned blowdown emissions. Alternatively, use controlled VOC emissions methods with 90% efficiency.
- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
 - limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with 3/32 inch mesh material.
- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:
Northeastern Region
318 North Vernal Ave, Vernal, UT 84078
Phone: (435) 781-9453

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

1. Surface casing cement shall be brought to surface.
2. Production casing cement shall be brought up and into the surface.
3. A CBL shall be run from TD to TOC for the production casing.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- Unit agreement and/or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112		8. WELL NAME and NUMBER: Three Rivers Fed 4-311-820
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0238 FNL 1875 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047542540000
PHONE NUMBER: 303 645-9809 Ext		9. FIELD and POOL or WILDCAT: THREE RIVERS
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/17/2014	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Ultra Resources will be moving ProPetro to spud the Three Rivers Fed 4-311-720 (API #43-047-54254) on 9/17/2014.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 September 17, 2014

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 9/17/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112		8. WELL NAME and NUMBER: Three Rivers Fed 4-311-820
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0238 FNL 1875 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047542540000
PHONE NUMBER: 303 645-9809 Ext		9. FIELD and POOL or WILDCAT: THREE RIVERS
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/18/2014	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Ultra requests to change the SHL from 238' FNL & 1875' FEL to 274' FNL & 1825' FEL per attached As-Drilled plat dated 10-13-14.

Approved by the
 October 27, 2014
 Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 10/21/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112		8. WELL NAME and NUMBER: Three Rivers Fed 4-311-820
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0274 FNL 1825 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047542540000
PHONE NUMBER: 303 645-9809 Ext		9. FIELD and POOL or WILDCAT: THREE RIVERS
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/7/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Monthly status report of drilling and completion attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 12, 2014		
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 11/7/2014	

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/19/2014

WELL NAME

THREE RIVERS FED 4-311-820

AFE#

141048

SPUD DATE

11/04/2014

WELL SITE CONSULTANT

J.MEJORADO

PHONE#

713-948-9196

CONTRACTOR

Ensign 122

TD AT REPORT

120'

FOOTAGE

120'

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

6,925'

PRESENT OPS

Drilling at 120'

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

16

NEXT CASING DEPTH

120

SSE

0

SSED

0

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel				0.0	
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Conductor			09/18/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R			
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT			
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP				
SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	12,489	12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	2,050	2,050	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte			20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	14,539	14,539	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 10/12/2014

WELL NAME

THREE RIVERS FED 4-311-820

AFE#

141048

SPUD DATE

11/04/2014

WELL SITE CONSULTANT

J.MEJORADO

PHONE#

713-948-9196

CONTRACTOR

Ensign 122

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

6,925'

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth	FIT ppg	
Conductor			09/18/2014		16	ARJ-55	45	120			
RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		2,050	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte			20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		14,539	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 10/13/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048	SPUD DATE	11/04/2014
WELL SITE CONSULTANT	J.MEJORADO			PHONE#	713-948-9196	CONTRACTOR	Ensign 122
TD AT REPORT	1,080'	FOOTAGE	970'	PRATE		CUM. DRLG. HRS	
ANTICIPATED TD	6,925'	PRESENT OPS	Drilling at 1,080'			GEOLOGIC SECT.	
DAILY MUD LOSS	SURF:		DH:		CUM. MUD LOSS	SURF:	
MUD COMPANY:				MUD ENGINEER:			
LAST BOP TEST		NEXT CASING SIZE	8 5/8	NEXT CASING DEPTH	1,059	SSE	0
						SSED	0

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Conductor	09/18/2014	16	ARJ-55	45	120		
RECENT BITS:							
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN
							DEPTH OUT
							I-O-D-L-B-G-O-R
BIT OPERATIONS:							
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST
							24HR ROP
							CUM HRS
							CUM DIST
							CUM ROP
RECENT MUD MOTORS:							
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT
							DATE IN
							DATE OUT
MUD MOTOR OPERATIONS:							
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST
							CUM ROP
SURVEYS							
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW
							DLS
							Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		2,050	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	19,984	19,984	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	19,984	34,523	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 10/14/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048	SPUD DATE	11/04/2014
WELL SITE CONSULTANT	JOHN FREITAS			PHONE#	713-948-9196	CONTRACTOR	Other
TD AT REPORT	1,080'	FOOTAGE	970'	PRATE	138.6	CUM. DRLG. HRS	
ANTICIPATED TD	6,925'	PRESENT OPS	Drilling at 1,080'		GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:	DH:	
MUD COMPANY:				MUD ENGINEER:			
LAST BOP TEST		NEXT CASING SIZE	8 5/8	NEXT CASING DEPTH	1,059	SSE	0
						SSED	0

TIME BREAKDOWN	
DRILLING	7.00

DETAILS			
Start	End	Hrs	
03:30	10:30	07:00	DRILL FROM 110 TO 1080.

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,500.0	1,500.0		0.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT	
24 JOINTS OF CASING, 3 CENTRALIZERS, FLOAT AND SHOE.	

CEMENT JOB SUMMARY	
CEMENT SURFACE, 500 SACKS OF 15.8 CEMENT, FULL RETURNS, 26 BBLS TO SURFACE.	

RECENT CASINGS RUN:		Date Set	Size	Grade	Weight	Depth	FIT Depth		FIT ppg		
Surface		10/14/2014	8 5/8	J-55	24	1,060					
Conductor		09/18/2014	16	ARJ-55	45	120					
RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		2,050	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	31,040	31,040	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	1,656	21,640	20,000
8100..605: Cementing Work	33,864	33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,321	7,321		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	73,881	108,404	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/03/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014		
WELL SITE CONSULTANT	JOHN FREITAS			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	1,080'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS		7.0	DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD	6,925'	PRESENT OPS	Drilling Cement at 1,080'			GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS		SURF:	DH:			
MUD COMPANY:				MUD ENGINEER:						
LAST BOP TEST	NEXT CASING SIZE		5 1/2	NEXT CASING DEPTH		6,950	SSE	0	SSED	0

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			10/14/2014		8 5/8	J-55	24	1,060				
Conductor			09/18/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP	CUM HRS	CUM DIST	CUM ROP		
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		2,050	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		31,040	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		7,321		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		108,404	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/04/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	1,080'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS 7.0		DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD	6,925'	PRESENT OPS	Drilling Cement at 1,080'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS		SURF:	DH:		
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST	11/04/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,950	SSE	0	SSED 0

TIME BREAKDOWN									
DRILLING CEMENT		0.50	NIPPLE UP B.O.P.		2.00	PRESSURE TEST B.O.P.		5.50	
RIG MOVE		1.00	RIG REPAIRS		2.00	RIG UP / TEAR DOWN		4.50	
TRIPPING		1.50	WORK BHA		1.00				

DETAILS				
Start	End	Hrs		
12:00	13:00	01:00	SKID RIG WITH RW JONES TRUCKING	
13:00	17:30	04:30	RIG UP AFTER SKID - SET IN SKIDS AND RIG UP (HYDRAULIC LINES, MUD LINE, FLOW LINE, KOOMY LINES, WATER LINES, AND ALL ELECTRICAL LINES	
			NIPPLE UP BOP, CHOKE LINE, KOOMY LINES - CHAIN DOWN STACK	
17:30	19:30	02:00	RIG UP TESTER (WALKER TESTING) TEST BOP - PIPE RAMS, BLIND RAMS, CHOKE LINE & CHOKE VALVES, FOSV, INSIDE BOP, KILL LINE AND VALVES, CHOKE LINE, CHOKE MANIFOLD & VALVES, HCR & MANUAL VALVE ALL @ 10 MIN 250 PSI LOW 10 MIN 3000 PSI HIGH - ANNULAR @ 10 MIN 1500 PSI HIGH 10 MIN 250 PSI LOW - CASING @ 30 MIN 1500 PSI - ACCUMULATOR FUNCTION TEST, RIG DOWN TESTER.	
19:30	01:00	05:30	WINTERIZE CHOKE	
			DIRECTIONAL WORK - PICK UP MUD MOTOR - MAKE UP BIT - SCRIBE MOTOR - LOAD MWD TOOL AND OREINT SAME - FINISH PICKING UP DIRECTIONAL TOOLS	
01:00	02:00	01:00	DOWNTIME - BLOWN HYDRAULIC HOSE FOR HOIST/LOWER CYLINDERS - REMOVE DAMAGED HOSE AND REPLACE WITH NEW HOSE	
02:00	04:00	02:00	T.I.H. FROM 98' TO 970' - INSTALL ROTATING HEAD	
04:00	05:30	01:30	DRILL CEMENT, FLOAT & SHOE TAGGED CEMENT @ 1015' FLOAT @ 1028' & SHOE @ 1072'	
05:30	06:00	00:30	SAFETY MEETING DAYS:PPE, SWA, SKIDDING RIG, NIPPLE UP BOP	
05:55	05:55	00:00	SAFETY MEETING NIGHTS: PPE,SWA, NIPPLE UP BOP, TESTING BOP, PICKING UP DIRECTIONAL TOOLS	
				REGULATORY VISITS: NONE.
				INCIDENTS: NONE.
				SAFETY DRILLS:
				REGULATORY NOTICES: NONE.
				DAYLIGHT: 4 CREW MEMBERS
				NIGHTS: 5 CREW MEMEBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	490.0	4,060.0		3,570.0	1,990.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours	12.00				12.00
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,060		
Conductor	09/18/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	1,350	GPM	440	SPR	43	Slow PSI	0
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	886.9			Hours on BHA	0
Up Weight	0	Dn Weight	0	RT Weight	0			Torque	8,000			Hours on Motor	0

BHA MAKEUP:							
#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ3957	SMITH MDI616
2	MUD MOTOR	6.500	0.000	28.09		6113	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.00		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	A/E		DAILY	CUM	A/E
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	368	2,418	7,500
8100..320: Mud & Chemicals	712	712	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	14,700	45,740	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	4,496	4,496	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	4,150	4,150	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	4,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,224	11,545		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	2,280	2,280	94,000
8210..620: Wellhead/Casing Hea	6,889	6,889	20,000	Total Cost	42,619	151,023	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/05/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	4,147'	FOOTAGE	3,067'	PRATE	136.3	CUM. DRLG. HRS	29.5	DRLG DAYS SINCE SPUD	1	
ANTICIPATED TD	6,925'	PRESENT OPS	Directional Drilling at 4,147'			GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	0	DH:	140	CUM. MUD LOSS	SURF:	0	DH:	140	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	11/05/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,905	SSE	0	SSED	0

TIME BREAKDOWN							
DIRECTIONAL DRILLING	22.50	DRILLING CEMENT	0.50	OTHER	0.50		
RIG SERVICE	0.50						

DETAILS				
Start	End	Hrs		
06:00	06:30	00:30	CONTINUE TO DRILL THROUGH FLOAT & SHOE	
06:30	09:30	03:00	DIRECTIONAL DRILLING FROM 1080' TO 1660' (580') 193.3 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=1375 PSI, DIFF PRESSURE=300-650 PSI, WOB=20-24K, TQ=7,500 FT/LBS, MUD WT 9.4, VIS 38	
09:30	10:00	00:30	RIG SERVICE - GREASE WASH PIPE, PIPE ARM, ROUGHNECK, PILLAR BLOCKS, AND CATWALK - CHECK OIL LEVEL IN ALL PUMPS AND MOTORS	
10:00	22:00	12:00	DIRECTIONAL DRILLING FROM 1600' TO 3362' (1702') 141.8 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=1600 PSI, DIFF PRESSURE=300-650 PSI, WOB=20-24K, TQ=8,100 FT/LBS, MUD WT 9.5, VIS 37	
22:00	22:30	00:30	DIRECTIONAL WORK - DOWNLINK MWD TOOL	
22:30	06:00	07:30	DIRECTIONAL DRILLING FROM 3362' TO 4147' (785') 104.7 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=1710 PSI, DIFF PRESSURE=300-550 PSI, WOB=22-24K, TQ=8,300 FT/LBS, MUD WT 9.4, VIS 38	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, BOP INSPECTION, WORKING WITH STEAM SAFETY MEETING NIGHTS: PPE,SWA, DRILLING OPERATIONS, WORKING WITH STEAM REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: REGULATORY NOTICES: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMEBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	1,260.0	0.0	0.0	2,310.0	3,250.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours	2.00				14.00	
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,060		
Conductor	09/18/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	SMITH	MDI616	JJ3957	12/12/12/12/12/12	0.663	1,080		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	1,710	2.10	22.50	3,067	136.31	22.50	3,067	136.31

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6113	7/8	1,080		11/04/2014			

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
1	24	0.33	22.50	3,067	136.31	22.50	3,067	136.31		

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
11/05/2014	3,875	6.2	197.94	3,851	343.6	-316.66	-133.30	0.8	MWD Survey Tool		
11/05/2014	3,784	6.7	202.12	3,761	333.4	-307.06	-129.78	0.6	MWD Survey Tool		
11/05/2014	3,694	7.1	205.12	3,671	322.5	-297.13	-125.44	0.4	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.5	Alk.		Sand %		XS Lime lb/bbl			
Temp.	100	Gels 10sec	2	Cl ppm	2,000	Solids %	7.0	Salt bbls			
Visc	42	Gels 10min	5	Ca ppm	10	LGS %	5.0	LCM ppb			
PV	13	pH	10.0	pF	2.5	Oil %		API WL cc	8.0		
YP	8	Filter Cake/32	1	Mf	5.0	Water %	93.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	ANCO DD 2, DRISPAC R 3, HI-YIELD GEL 6, LIGNITE 2, MICA 7, PHPA 4, FLOWZAN 2, SODIUM BICARB 5, WALNUT 15, MEGA-CIDE 1, ECO-SEAL 5, CAL CARB 9, TRAILER RENTAL 1, ENGINEER 1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>125</u>	PSI	<u>1,710</u>	GPM	<u>440</u>	SPR	<u>43</u>	Slow PSI	<u>0</u>
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u> </u>	Slow PSI	<u> </u>
Pump 32 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u> </u>	Slow PSI	<u> </u>
BHA Makeup	STEARABLE							Length	886.9	Hours on BHA		22	
Up Weight	105,000	Dn Weight	85,000	RT Weight	95,000			Torque	8,300	Hours on Motor		22	

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ3957	SMITH MDI616
2	MUD MOTOR	6.500	0.000	28.09		6113	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.00		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	505	2,923	7,500
8100..320: Mud & Chemicals	3,062	3,774	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,485	65,225	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		4,496	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	3,225	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	425	7,000	8100..535: Directional Drillin	8,150	12,300	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	9,600	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,355	15,900		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	102,115	104,395	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	146,122	297,145	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/06/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	5,778'	FOOTAGE	1,631'	PRATE	69.4	CUM. DRLG. HRS	53.0	DRLG DAYS SINCE SPUD	2	
ANTICIPATED TD	6,925'	PRESENT OPS			Directional Drilling at 5,778'		GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	230	CUM. MUD LOSS	SURF:	0	DH:	370	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	11/05/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,905	SSE	0	SSED	0

TIME BREAKDOWN		
DIRECTIONAL DRILLING	23.50	RIG RELEASE 0.50

DETAILS				
Start	End	Hrs		
06:00	13:00	07:00	DIRECTIONAL DRILLING FROM 4147' TO 4600' (453') 64.7 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=1780 PSI, DIFF PRESSURE=300-450 PSI, WOB=22-26K, TQ=8,500 FT/LBS, MUD WT 9.5, VIS 41	
13:00	13:30	00:30	RIG SERVICE - GREASE WASH PIPE, PIPE ARM, ROUGHNECK, PILLAR BLOCKS, AND CATWALK - CHECK OIL LEVEL IN ALL PUMPS AND MOTORS	
13:30	00:00	10:30	DIRECTIONAL DRILLING FROM 4600' TO 5340' (740') 70.4 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=1810 PSI, DIFF PRESSURE=300-450 PSI, WOB=22-26K, TQ=9,500 FT/LBS, MUD WT 9.5, VIS 41	
00:00	06:00	06:00	DIRECTIONAL DRILLING FROM 5340' TO 5778' (438') 73 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=2000 PSI, DIFF PRESSURE=200-500 PSI, WOB=22-27K, TQ=9,500 FT/LBS, MUD WT 9.6, VIS 43	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, MIXING CHEMICALS, FORKLIFT OPERATIONS SAFETY MEETING NIGHTS: PPE,SWA, MIXING CHEMICALS, FORKLIFT OPERATIONS REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: REGULATORY NOTICES: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMEBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,740.0	3,000.0	0.0	3,570.0	4,990.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours	6.00				20.00
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,060		
Conductor	09/18/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	SMITH	MDI616	JJ3957	12/12/12/12/12/12	0.663	1,080		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	2,000	2.12	23.50	1,631	69.40	46.00	4,698	102.13

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6113	7/8	1,080		11/04/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	26	0.33	23.50	1,631	69.40	46.00	4,698	102.13			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
11/06/2014	5,596	2.5	180.96	5,569	430.2	-397.69	-164.17	0.2	MWD Survey Tool		
11/06/2014	5,505	2.3	182.25	5,478	426.7	-393.88	-164.07	0.0	MWD Survey Tool		
11/06/2014	5,415	2.3	182.74	5,388	423.3	-390.27	-163.91	0.3	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.5	Alk.		Sand %		XS Lime lb/bbl			
Temp.	105	Gels 10sec	2	Cl ppm	2,000	Solids %	7.0	Salt bbls			
Visc	41	Gels 10min	5	Ca ppm	10	LGS %	5.0	LCM ppb			
PV	14	pH	9.5	pF	2.0	Oil %		API WL cc	10.0		
YP	4	Filter Cake/32	1	Mf	6.0	Water %	93.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	ANCO DD 1, CEDAR FIBER 2, DRISPAC R 7, LIGNITE 2, MICA 20, PHPA 2, SAWDUST 170, FLOWZAN 3, WALNUT 35, MEGA-CIDE 1, PAC LV 6, CAL CARB 5, PALLETS SHRINK WRAP 13, TRAILER RENTAL 1, ENGINEER 1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,000	GPM	440	SPR	43	Slow PSI	0
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE												
Up Weight	135,000	Dn Weight	10,000	RT Weight	120,000			Length	886.9			Hours on BHA	46
								Torque	9,300			Hours on Motor	46

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ3957	SMITH MDI616
2	MUD MOTOR	6.500	0.000	28.09		6113	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.00		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

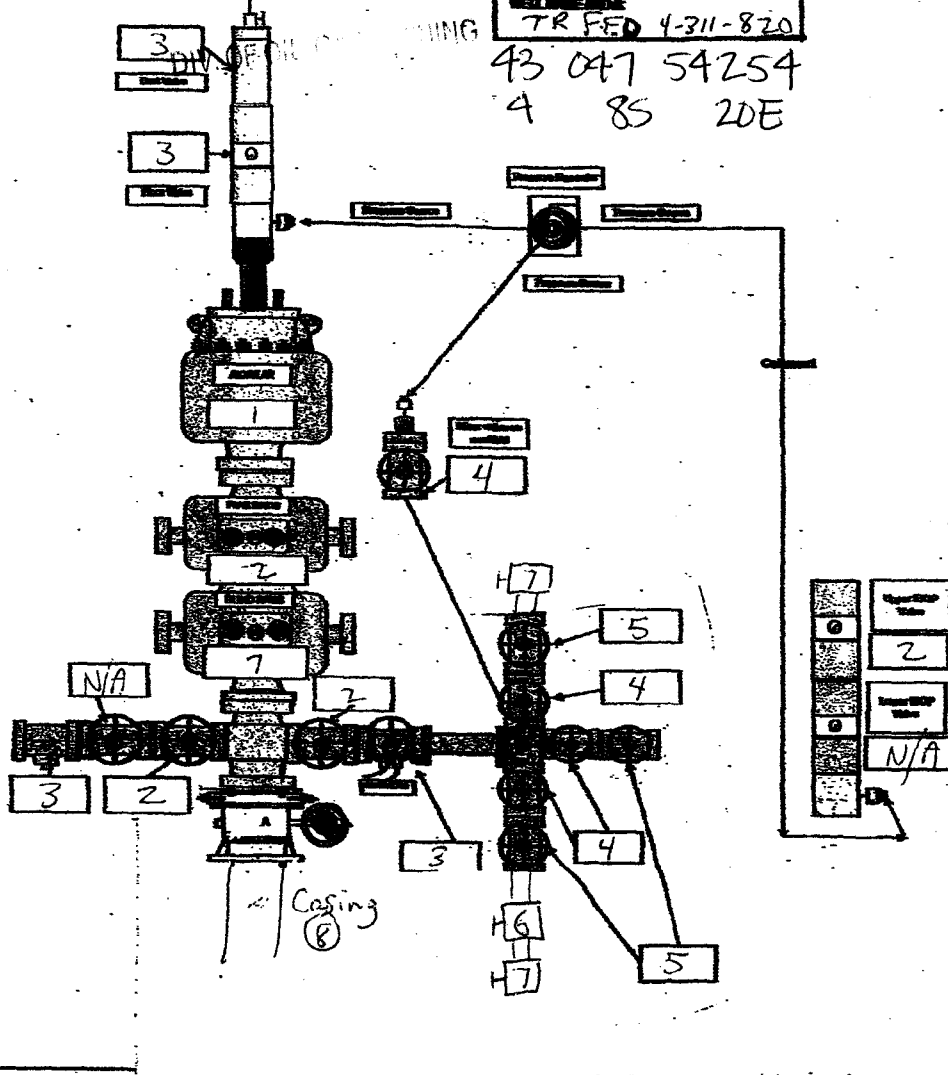
	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	105	3,028	7,500
8100..320: Mud & Chemicals	7,402	11,176	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,605	84,830	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,595	9,595	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services	550	550	7,000
8100..510: Testing/Inspection/		4,496	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	6,450	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	850	7,000	8100..535: Directional Drillin	8,150	20,450	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	14,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	6,275	22,175		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	3,369	107,764	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	63,501	360,646	717,000

3000psi - 5000psi
 SYSTEM
 REIFIED

NOV 10 2014

DATE	11-3-2014
COMPANY	Ultra Res
CONTRACTOR	Ensign 122
WELL NAME	TR FFD 4-311-820

43 047 54254
 4 85 20E



DATE: 11-3-2014

ACCUMULATOR FUNCTION TEST

WELL: TR FEO 4-311-820

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE
ACCUMULATOR (OO #2 III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR valve. (if applicable)
4. Close annular.
5. Close all pipe rams.
6. Open one set of pipe rams to simulate closing the blind rams.
7. If you have a 3 Ram stack open the annular to achieve the 50 +/- % safety factor for 5M and greater systems.
8. Accumulator pressure should be 200 psi over precharge pressure
(Accumulator working pressure (1,500 psi = 750 desired psi)
(2,000 and 3,000 psi = 1,000 desired psi)).

9. RECORD THE REMAINING PRESSURE 1,550 PSI

If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (OO #2 III.A.2.f.)

Shut the accumulator bottles or spherical (Isolate them from the pumps & manifold) open the bleed off valve to the tank (Manifold psi should go to zero psi) close bleed valve.

1. Open the HCR valve. (if applicable)
2. Close annular.
3. With pumps only, time how long it takes to re- gain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).

4. RECORD ELAPSED TIME 1 min 22 sec PSI (2 minutes or less)

TO CHECK THE PRECHARGE ON THE BOTTLES OR SPHERICAL (OO #2 III.A.2.d.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to tank.
3. Watch and record where the pressure drops (Accumulator psi).

4. RECORD THE PRESSURE DROP 900 PSI

If pressure drops below MINIMUM precharge (Accumulator working pressure (1,500 psi = 700 psi minimum) (2,000 and 3,000 psi = 900 psi minimum)) each bottle shall be independently checked with a guage.

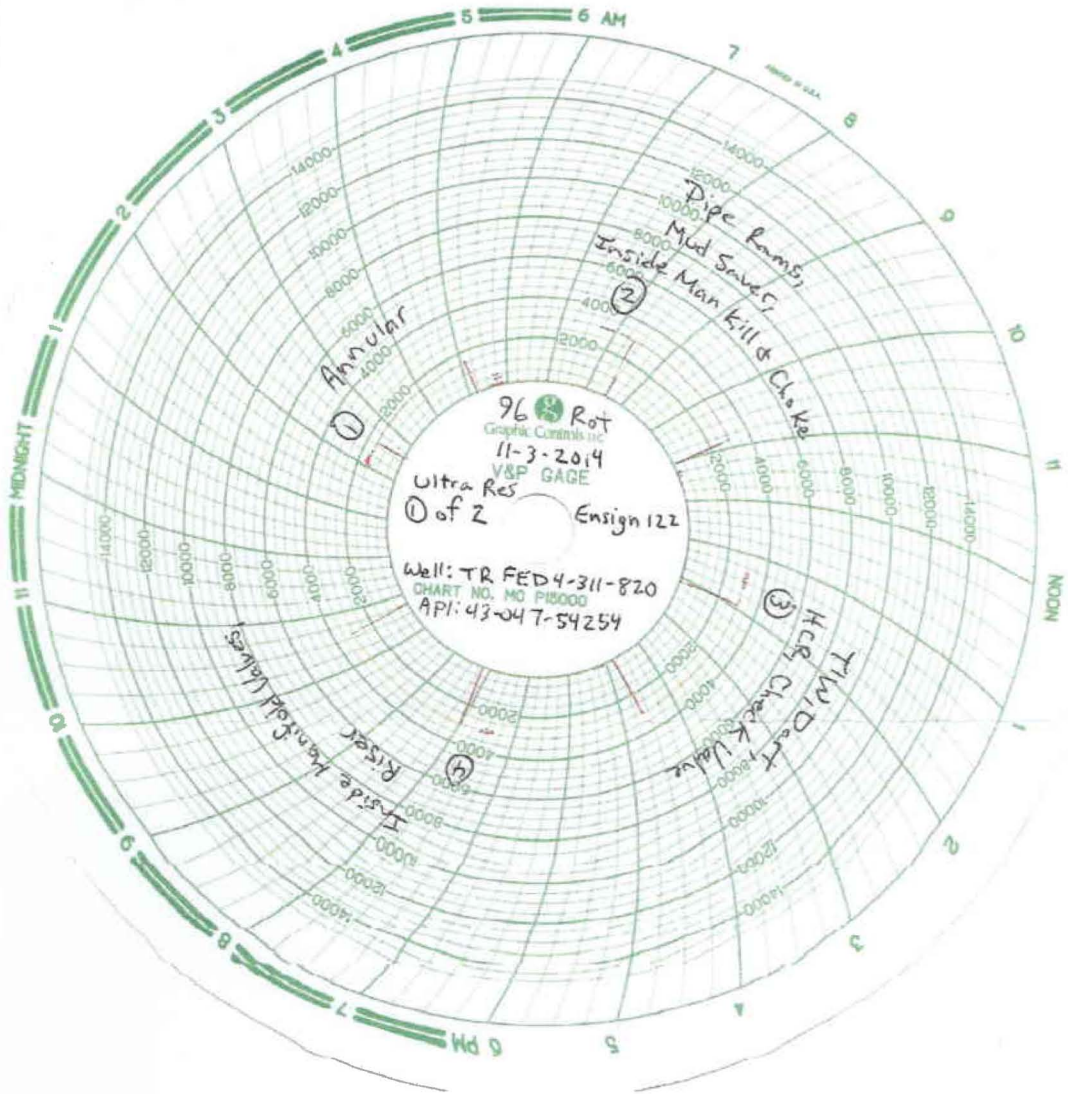
DATE 11-3-14 COMPANY: Ultra Res INC. Ensign 122

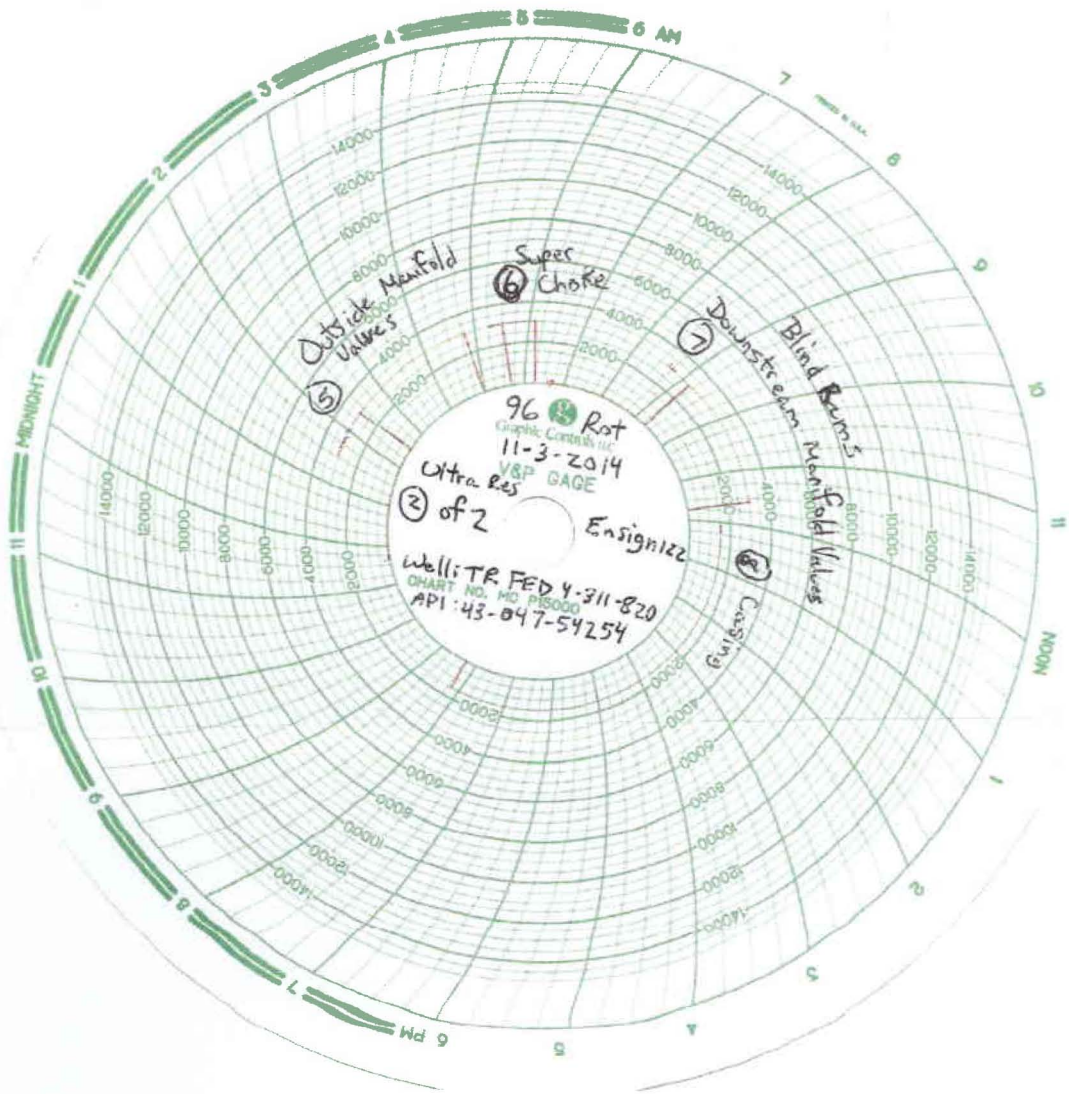
WELL NAME & #: TR FED 4-311-820

Time	Test No.	Results
8:08 AM OPMO	1 Annular	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:35 AM OPMO	2 Mud Saver, Pipe Rams, Inside Man Kill & Choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:04 AM OPMO	3 TIW, Dart, HCR, Check Valve	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:34 AM OPMO	4 Inside Manifold Valves, Riser	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:01 AM OPMO	5 Outside Manifold Valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:28 AM OPMO	6 Super Choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:43 AM OPMO	7 Blind Rams, Downstream Manifold Valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:22 AM OPMO	8 Casing	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	9	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	10	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	11	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	12	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	13	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	14	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPMO	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (Inches) (W D L) + 231 = gal

Rock Springs, WY (307) 362-3330
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
 INTEGRITY TESTING
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE





1466

WALKER INSPECTION, LLC.
REBEL TESTING • EAGER BEAVER TESTERS
 WYOMING • COLORADO • NORTH DAKOTA

Daily JSA/Observation Report

OPERATOR: Ultra ResDATE: 11-3-2014LOCATION: TRFED 4-311-820CONTRACTOR: Ensign 122EMPLOYEE NAME: Dustin Redmond☒ High Pressure TestingCOMMENTS: Safety observed☒ Working Below Platform☒ Requires PPE☒ Overhead Work is Occurring☐ Confined Spaces are Involved☐ Set up of Containment☒ Using Rig Hoist to Lift Tools☐ Other: _____SIGNATURE: [Signature]DATE: 11-3-2014

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		

Observation Report

EMPLOYEE REPORTING: Dustin Redmond SIGNATURE: [Signature]Was job set up and performed correctly and to best of companies ability? ☒ Y ☐ NWas all safety equipment used correctly by all involved? ☒ Y ☐ NAny incidents or near misses to report about WI? Y ☒ NAny incidents or near misses to report in general? Y ☒ NAny spills or environmental issues to report? Y ☒ N

Basic Comments: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295 , Englewood, CO, 80112		8. WELL NAME and NUMBER: Three Rivers Fed 4-311-820
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0274 FNL 1825 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047542540000
PHONE NUMBER: 303 645-9809 Ext		9. FIELD and POOL or WILDCAT: THREE RIVERS
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/22/2014
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	OTHER: <input style="width: 100px;" type="text"/>		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 First Production occurred on the TR4-311-820 on 11/22/2014.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 December 10, 2014

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 12/4/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85994
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295 , Englewood, CO, 80112		8. WELL NAME and NUMBER: Three Rivers Fed 4-311-820
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0274 FNL 1825 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047542540000
PHONE NUMBER: 303 645-9809 Ext		9. FIELD and POOL or WILDCAT: THREE RIVERS
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/12/2014	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Monthly status report of drilling and completion attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 17, 2014		
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 12/12/2014	

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/07/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014	
WELL SITE CONSULTANT	JOHN FREITAS/KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	6,910'	FOOTAGE	1,132'	PRATE	48.2	CUM. DRLG. HRS	76.5	DRLG DAYS SINCE SPUD	3
ANTICIPATED TD	6,925'	PRESENT OPS	Directional Drilling at 6,910'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	164	CUM. MUD LOSS	SURF:	0	DH:	534
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL		
LAST BOP TEST	11/05/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,911	SSE	1	SSED

TIME BREAKDOWN	
DIRECTIONAL DRILLING	23.50
RIG SERVICE	0.50

DETAILS			
Start	End	Hrs	
06:00	13:00	07:00	DIRECTIONAL DRILLING FROM 5778' TO 6185' (407") 58.14 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=2000 PSI, DIFF PRESSURE=200-500 PSI, WOB=22-27K, TQ=9,500 FT/LBS, MUD WT 9.6, VIS 43
13:00	13:30	00:30	RIG SERVICE - GREASE WASH PIPE, PIPE ARM, ROUGHNECK, PILLAR BLOCKS, AND CATWALK - CHECK OIL LEVEL IN ALL PUMPS AND MOTORS
13:30	18:00	04:30	DIRECTIONAL DRILLING FROM 6185' TO 6457' (272") 60 FT/HR GPM=440, TOP DRIVE RPM=40, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=2000 PSI, DIFF PRESSURE=200-500 PSI, WOB=22-27K, TQ=9,500 FT/LBS, MUD WT 9.6, VIS 39
18:00	00:00	06:00	DIRECTIONAL DRILLING FROM 6457' TO 6684' (227") 38 FT/HR GPM=440, TOP DRIVE RPM=40-60, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=2000 PSI, DIFF PRESSURE=200-500 PSI, WOB=22-27K, TQ=9,500 FT/LBS, MUD WT 9.6, VIS 39
00:00	06:00	06:00	DIRECTIONAL DRILLING FROM 6684' TO 6910' (226") 37 FT/HR GPM=440, TOP DRIVE RPM=40-60, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=2000 PSI, DIFF PRESSURE=200-500 PSI, WOB=22-27K, TQ=9,500 FT/LBS, MUD WT 9.6, VIS 39
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA. SAFETY MEETING NIGHTS: PPE,SWA. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: REGULATORY NOTICES: NOTICE TO RUN PRODUCTION CASING. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMEBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,750.0			1,820.0	6,740.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours	4.00				24.00
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,060		
Conductor	09/18/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	SMITH	MDI616	JJ3957	12/12/12/12/12/12	0.663	1,080	6,920	1-1-CT-M-X-X-BT-TD	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	2,000	2.12	23.50	1,132	48.17	69.50	5,830	83.88

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
2	6.500	STC	ARROW	6270	7/8	6,920	6,920	11/08/2014	11/08/2014		
1	6.500	HUNTING	ARROW	6113	7/8	1,080	6,920	11/04/2014	11/07/2014		

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
2	0	0.20	1.00	0	0.00	1.00	0	0.00		
1	26	0.33	23.50	1,132	48.17	69.50	5,830	83.88		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
11/07/2014	6,920	2.6	164.36	6,892	481.0	-456.13	-156.83	0.0	Projected Survey Station	
11/07/2014	6,874	2.6	164.36	6,846	479.3	-454.11	-157.40	1.4	MWD Survey Tool	
11/07/2014	6,864	2.6	161.23	6,836	479.0	-453.68	-157.53	0.0	MWD Survey Tool	

MUD PROPERTIES										
Type	LSND	Mud Wt	9.6	Alk.	3.0	Sand %		XS Lime lb/bbl		
Temp.	120	Gels 10sec	4	Cl ppm	2,000	Solids %	8.0	Salt bbls		
Visc	41	Gels 10min	8	Ca ppm	10	LGS %	7.0	LCM ppb		
PV	18	pH	9.5	pF	1.0	Oil %		API WL cc	5.6	
YP	9	Filter Cake/32	1	Mf	4.0	Water %	92.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:	ANCO BAR 248,DRISPAC HV 1,ANCO DD 2,DRISPAC REG 4,HIGH YIELD GEL 100, LIGNITE 6, MICA 56,LIME 18, PHPA 3, SAWDUST 280, FLOWZAN 5,SOLTEX 11, WALNUT 29, MEGA-CIDE 2, PAC LV 7, CAL CARB 18,TRAILER RENTAL 1, ENGINEER 1									
Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0				

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,000	GPM	440	SPR	43	Slow PSI	0
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	—
Pump 32 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
BHA Makeup STEARABLE										Length 886.9			Hours on BHA 70
Up Weight 135,000 Dn Weight 10,000 RT Weight 120,000										Torque 9,300			Hours on Motor 70

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ3957	SMITH MDI616
2	MUD MOTOR	6.500	0.000	28.09		6113	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.00		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamat				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos	352	3,380	7,500
8100..320: Mud & Chemicals	14,298	25,474	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,545	104,375	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,595	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		550	7,000
8100..510: Testing/Inspection/		4,496	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	9,675	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,275	7,000	8100..535: Directional Drillin	8,150	28,600	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	19,200	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,675	26,850		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		107,764	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	55,470	416,116	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/08/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014	
WELL SITE CONSULTANT	JOHN FREITAS/KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	6,920'	FOOTAGE	0'	PRATE	0.0	CUM. DRLG. HRS	77.5	DRLG DAYS SINCE SPUD	4
ANTICIPATED TD	6,925'	PRESENT OPS		Tripping in hole at 6,920'			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	0	DH:	164	CUM. MUD LOSS	SURF:	0	DH:	698
MUD COMPANY:	ANCHOR			MUD ENGINEER:		DAN KASTEL			
LAST BOP TEST	11/05/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,029	SSE	1	SSED

TIME BREAKDOWN		COND MUD & CIRCULATE	3.50	DIRECTIONAL DRILLING	1.00	OTHER	1.00
		TRIPPING	14.50	WIRELINE	3.00	WORK BHA	1.00

DETAILS				
Start	End	Hrs		
06:00	07:00	01:00	DIRECTIONAL DRILLING FROM 6910' TO 6920'(TD)(10') 10 FT/HR GPM=440, TOP DRIVE RPM=40-60, MOTOR RPM=145, TOTAL RPM=185, OFF BOTTOM PRESSURE=2000 PSI, DIFF PRESSURE=200-500 PSI, WOB=22-27K, TQ=9,500 FT/LBS, MUD WT 9.6, VIS 39	
07:00	08:30	01:30	CIRC HOLE CLEAN, PUMP HI-VIS SWEEP.	
08:30	09:30	01:00	SHORT TRIP UP TO 6265' 100' UP PAST THE CASTLE PEAK.	
09:30	10:30	01:00	CIRC HOLE CLEAN, PUMP HI-VIS SWEEP.	
10:30	14:30	04:00	PULL OUT OF THE HOLE AND LAY DOWN DRILL PIPE. PULLED FREE.	
14:30	15:30	01:00	LAY DOWN BHA. GOING TO INSPECT BHA. FUNCTION TEST BLIND RAMS.	
15:30	16:00	00:30	SAFETY MTNG AND R/U HALLIBURTON LOGGERS. RUN IN WIRELINE TOOLS, LINE SPEED DOWN 200 FPM. TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, ROLLER BOGIE.	
16:00	18:30	02:30	LOGGING TOOLS STOPPED @ 1400'. POOH AND L/D TOOLS FOR WIPER RUN.	
18:30	19:30	01:00	R/U PREP RIG FOR TRIP IN HOLE. WIPER TRIP.	
19:30	02:00	06:30	P/U BHA AND RIH T/6920'. WORK WELL AT 1350' T/1450' AND 6620 T/6920'. NO TIGHT HOLE OR FILL.	
02:00	03:00	01:00	PUMP SWEEP SURFACE TO SURFACE.	
03:00	06:00	03:00	POOH F/LOGS.	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA. SAFETY MEETING NIGHTS: PPE,SWA. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES: NONE DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMEBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	800.0	3,000.0		4,020.0	7,540.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours	3.00				27.00
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT
RUN SHOE, FLOAT, 47 JOINTS OF 5.5" 17# N-80, MARKER N-80, 10 JOINTS OF 5.5" 17# J-55, MARKER J-55, RUN 99 JOINTS OF 5.5" 17# J-55, PUP JOINT, MANDRELL, LANDING JOINT, CASING SET AT 6904'.25.

CEMENT JOB SUMMARY
CBU, SAFETY MTNG W/ HALLIBURTON AND R/U. PRIME PUMPS AND TEST LINES T/5000 PSI. MIX AND PUMP 50 BBL. TUNED SPACER FOLLOWED W/235 SACKS (146 BBL) LEAD CEMENT W/ 2 LBM GRANULITE, 1 LBM POLY FLAKE, 5 LBM KOL SEAL.
MIX AND PUMP 455 SACKS (109 BBL) TAIL CEMENT W/2LBM KOL SEAL,1 LBM GRANULITE,.25 LBM POLY FLAKE. RELEASE PLUG.
DISPLACE W/160 BBL FRESH WATER. BUMP PLUG W/1600 PSI AND PRESSURE T/ 2410 PSI F/5 MIN. RELEASE AND BLEED BACK 1.5 BBL.
FLOATS HELD. NO CEMENT OR SPACER TO SURFACE.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	11/08/2014	5 1/2	N-80	17	6,904		
Production	11/08/2014	5 1/2	J-55	17	4,866		
Surface	10/14/2014	8 5/8	J-55	24	1,060		
Conductor	09/18/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
	2	7.875	STC					6,920	6,920	1-1---E-X--
	1	7.875	SMITH	MDI616	JJ3957	12/12/12/12/12/12	0.663	1,080	6,920	1-1-CT-M-X-X-BT-TD

BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	2		65/89	445	2,000		1.00	0	0.00	1.00	0	0.00
	1		40/145	440	2,000	2.12	23.50	1,132	48.17	69.50	5,830	83.88

RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
	2	6.500	STC	ARROW	6270	7/8	6,920	6,920	11/08/2014	11/08/2014
	1	6.500	HUNTING	ARROW	6113	7/8	1,080	6,920	11/04/2014	11/07/2014

MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	2	0	0.20	1.00	0	0.00	1.00	0	0.00
	1	26	0.33	23.50	1,132	48.17	69.50	5,830	83.88

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
11/07/2014	6,920	2.6	164.36	6,892	481.0	-456.13	-156.83	0.0	Projected Survey Station
11/07/2014	6,874	2.6	164.36	6,846	479.3	-454.11	-157.40	1.4	MWD Survey Tool
11/07/2014	6,864	2.6	161.23	6,836	479.0	-453.68	-157.53	0.0	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.6	Alk.	3.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	120	Gels 10sec	3	Cl ppm	2,000	Solids %	8.0	Salt bbls	
Visc	41	Gels 10min	6	Ca ppm	10	LGS %	7.0	LCM ppb	
PV	13	pH	9.4	pF	1.0	Oil %		API WL cc	6.0
YP	9	Filter Cake/32	1	Mf	3.5	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					
Comments:	ANCO BAR 0,DRISPAC HV 3,ANCO DD 1,DRISPAC REG 0,HIGH YIELD GEL 27, LIGNITE 0, MICA 14,LIME 9, PHPA 2, SAWDUST 225, FLOWZAN 3,SOLTEX 29, WALNUT 11, MEGA-CIDE 2, PAC LV 12, CAL CARB 16,TRAILER RENTAL 1, ENGINEER 1								

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	450
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	60	Slow PSI	
BHA Makeup	STEARABLE							Length	886.4			Hours on BHA	1
Up Weight	165,000	Dn Weight	120,000	RT Weight	148,000			Torque	13,000			Hours on Motor	1

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SMITH MDSI516 W/5X12'S
2	MUD MOTOR	6.500	0.000	32.67		6406	7/8 3.3STG. .16REV
3	3- STEEL D.C.'S	6.500	2.750	89.36			4.5 XH P x B
4	18 JOINTS HWDP	4.500	3.300	548.77			4.5 XH P x B
5	DRILLING JAR	6.250	2.250	32.00		42259G	4.5 XH P x B
6	6 JOINTS HWDP	4.500	3.300	182.64		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	210	3,590	7,500
8100..320: Mud & Chemicals	11,181	36,655	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,515	123,890	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,666	19,261	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		550	7,000
8100..510: Testing/Inspection/	2,080	6,576	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	12,900	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,700	7,000	8100..535: Directional Drillin		28,600	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	24,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,613	32,463		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		107,764	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	56,715	472,831	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 11/09/2014

WELL NAME	THREE RIVERS FED 4-311-820			AFE#	141048		SPUD DATE	11/04/2014	
WELL SITE CONSULTANT	JOHN FREIDAS/KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	6,904'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS		77.5	DRLG DAYS SINCE SPUD	5
ANTICIPATED TD	6,925'	PRESNET OPS	Rig release at 6,904'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	164	CUM. MUD LOSS	SURF:	0	DH:	862
MUD COMPANY:	ANCHOR			MUD ENGINEER:		DAN KASTEL			
LAST BOP TEST	11/05/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,904	SSE	SSD	

TIME BREAKDOWN	CASING & CEMENT	10.00	OTHER	0.50	RIG UP / TEAR DOWN	7.50
	TRIPPING	2.00	WIRELINE	4.00		

DETAILS	Start	End	Hrs	
	06:00	08:00	02:00	POOH F/LOGS.
	08:00	08:30	00:30	PJSM WITH LOGGERS.
	08:30	12:30	04:00	RUN IN WIRELINE TOOLS,(LOGGERS DEPTH 6354') LINE SPEED DOWN 200 FPM. TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, ROLLER BOGIE.
	12:30	19:00	06:30	RUN SHOE, FLOAT, 47 JOINTS OF 5.5" 17# N-80, MARKER N-80, 10 JOINTS OF 5.5" 17# J-55, MARKER J-55, RUN 99 JOINTS OF 5.5" 17# J-55, PUP JOINT, MANDRELL, LANDING JOINT, CASING SET AT 6904'.26.
	19:00	20:00	01:00	LAND CASING @6904.26 AND CIRC. R/U CEMENTING EQUIP.
	20:00	20:30	00:30	SAFETY MTNG W/ HALLIBURTON. LOAD WIPER PLUG IN HEAD.
	20:30	20:30	00:00	TEST LINES T/5000PSI.MIX AND PUPM CEMENT AS FOLLOWS. PUMP 50 BBL TUNED SPACER, MIX AND PUMP 235 SACKS (146 BBL) LEAD CEMENT @ 11.0 PPG,MIX AND PUMP 455 SACKS(109 BBL) TAIL CEMENT @ 14 PPG, RELEASE WIPER AND DISPLACE CASING W/160 BBL WATER. BUMPED PLUG W/1600 PSI AND PRESSURE T/2410 PSI. HOLD PRESSURE 5 MINUTES AND RELEASE, BLEED BACK 1.5 BBL, FLOATS HELD. FULL RETURNS @ 80 BBLs AND PARTIAL RETURNS AFTER. REDUCED RATE TO 2 BBL/MIN. MAINTAINED PARTIAL RETURNS THRUOUGHOUT. NO CEMENT OR SPACER TO SURFACE.
	20:30	21:30	01:00	R/D CEMENTING CREW AND RELEASE.
	21:30	22:30	01:00	R/D LANDING JOINT AND CASING SPEAR.
	22:30	00:00	01:30	RIG DOWN BOPE, FLARE LINES,AND BOPE. CLEAN MUD TANKS
	00:00	06:00	06:00	RIG DOWN RIG AND PREPAIR FOR MOVE.
	05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA.
				SAFETY MEETING NIGHTS: PPE,SWA.
				REGULATORY VISITS: NONE.
				INCIDENTS: NONE.
				SAFETY DRILLS: NONE
				REGULATORY NOTICES: NONE
				DAYLIGHT: 5 CREW MEMBERS
				NIGHTS: 5 CREW MEMEBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	1,010.0		3,010.0	0.0	8,550.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					27.00
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CEMENT JOB SUMMARY
CBU, SAFETY MTNG W/ HALLIBURTON AND R/U. PRIME PUMPS AND TEST LINES T/5000 PSI. MIX AND PUMP 50 BBL. TUNED SPACER FOLLOWED W/235 SACKS (146 BBL) LEAD CEMENT W/ 2 LBM GRANULITE, 1 LBM POLY FLAKE, 5 LBM KOL SEAL. MIX AND PUMP 455 SACKS (109 BBL) TAIL CEMENT W/2LBM KOL SEAL,1 LBM GRANULITE,.25 LBM POLY FLAKE. RELEASE PLUG. DISPLACE W/160 BBL FRESH WATER. BUMP PLUG W/1600 PSI AND PRESSURE T/ 2410 PSI F/5 MIN. RELEASE AND BLEED BACK 1.5 BBL. FLOATS HELD. NO CEMENT OR SPACER TO SURFACE.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	11/08/2014	5 1/2	N-80	17	6,904		
Production	11/08/2014	5 1/2	J-55	17	4,866		
Surface	10/14/2014	8 5/8	J-55	24	1,060		
Conductor	09/18/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
	2	7.875	STC					6,920	6,920	1-1---E-X--
	1	7.875	SMITH	MDI616	JJ3957	12/12/12/12/12/12	0.663	1,080	6,920	1-1-CT-M-X-X-BT-TD

BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	2		65/89	445	2,000		1.00	0	0.00	1.00	0	0.00
	1		40/145	440	2,000	2.12	23.50	1,132	48.17	69.50	5,830	83.88

RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
	2	6.500	STC	ARROW	6270	7/8	6,920	6,920	11/08/2014	11/08/2014
	1	6.500	HUNTING	ARROW	6113	7/8	1,080	6,920	11/04/2014	11/07/2014

MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	2	0	0.20	1.00	0	0.00	1.00	0	0.00
	1	26	0.33	23.50	1,132	48.17	69.50	5,830	83.88

SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
	11/07/2014	6,920	2.6	164.36	6,892	481.0	-456.13	-156.83	0.0	Projected Survey Station
	11/07/2014	6,874	2.6	164.36	6,846	479.3	-454.11	-157.40	1.4	MWD Survey Tool
	11/07/2014	6,864	2.6	161.23	6,836	479.0	-453.68	-157.53	0.0	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.7	Alk.	2.5	Sand %	0.0	XS Lime lb/bbl	
Temp.	120	Gels 10sec	2	Cl ppm	1,700	Solids %	9.0	Salt bbls	
Visc	39	Gels 10min	5	Ca ppm	10	LGS %	8.0	LCM ppb	
PV	10	pH	9.1	pF	1.0	Oil %		API WL cc	8.8
YP	7	Filter Cake/32	1	Mf	3.7	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					
Comments:	ANCO BAR 0,DRISPAC HV 0,ANCO DD 0,DRISPAC REG 0,HIGH YIELD GEL 3, LIGNITE 0, MICA 0,LIME 0, PHPA 0, SAWDUST 0, FLOWZAN 1,SOLTEX 0, WALNUT 0, MEGA-CIDE02, PAC L012, CAL CARB 0,TRAILER RENTAL 1, ENGINEER 1								

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	450
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	60	Slow PSI	
BHA Makeup	STEARABLE								Length	886.4		Hours on BHA	1
Up Weight	165,000	Dn Weight	120,000	RT Weight	148,000			Torque	13,000			Hours on Motor	1

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SMITH MDSI516 W/5X12'S
2	MUD MOTOR	6.500	0.000	32.67		6406	7/8 3.3STG. .16REV
3	3- STEEL D.C.'S	6.500	2.750	89.36			4.5 XH P x B
4	18 JOINTS HWDP	4.500	3.300	548.77			4.5 XH P x B
5	DRILLING JAR	6.250	2.250	32.00		42259G	4.5 XH P x B
6	6 JOINTS HWDP	4.500	3.300	182.64		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		3,590	7,500
8100..320: Mud & Chemicals	965	37,620	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	143,315	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		19,261	40,000	8100..410: Mob/Demob	2,000	2,000	17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		550	7,000
8100..510: Testing/Inspection/		6,576	5,000	8100..520: Trucking & Hauling	825	825	10,000
8100..530: Equipment Rental	3,276	16,176	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	2,125	7,000	8100..535: Directional Drillin		28,600	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,640	20,000
8100..605: Cementing Work		33,864	25,000	8100..610: P & A			
8100..700: Logging - Openhole	27,000	27,000	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	28,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	10,456	42,919		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work	38,344	38,344	25,000	8210..600: Production Casing		107,764	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	107,516	580,347	717,000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU85994

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR:
Ultra Resources, Inc.

3. ADDRESS OF OPERATOR: **304 Inverness Way So.** CITY **Englewood** STATE **CO** ZIP **80112** PHONE NUMBER: **(303) 645-9804**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **274 FNL 1825 FEL 40.158258 109.670794**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **651 FSL 1987 FEL 40.157223 109.671369**
AT TOTAL DEPTH: **730 FNL 1983 FEL 40.157006 109.671354**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
THREE RIVERS 4-311-820

9. API NUMBER:
4304754254

10 FIELD AND POOL, OR WILDCAT
THREE RIVERS

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNE 4 8S 20E

12. COUNTY
Uintah

13. STATE
UTAH

14. DATE SPUNDED: **9/18/2014** 15. DATE T.D. REACHED: **11/7/2014** 16. DATE COMPLETED: **11/22/2014** ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
GL

18. TOTAL DEPTH: MD **6,920** TVD **6,892** 19. PLUG BACK T.D.: MD **6,814** TVD **6,786**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Triple Combo, CBL

23.

WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 arj55	45	0	120				0	
12 1/4	8 5/8 J-55	24	0	1,060		500		0	
7 7/8	5 1/2 J-55	17	0	4,866		690		0	
7 7/8	5 1/2 N-80	17	4,866	6,904		690			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5,260							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Lower GR	5,060	6,786		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,060 6,786		264	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☒ NO ☐ IF YES - DATE FRACTURED: **11/15/2014**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5060 to 6786	Fracture/Stimulate 7 Stages

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: _____

30. WELL STATUS:

POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/22/2014		TEST DATE: 12/2/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 213		GAS – MCF: 94		WATER – BBL: 223		PROD. METHOD: Gas Pumping	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →		OIL – BBL:		GAS – MCF:		WATER – BBL:		INTERVAL STATUS:	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used on lease

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	2,935
				Mahoqany	4,280
				Lower Green River	5,035
				Wasatch	6,790

35. ADDITIONAL REMARKS (Include plugging procedure)

Frac material used: 1 gal Linear Gel, 6000 gal HC1 Acid, 573614 gal Fr-66 Water, 179797 gal DeltaFrac Fluid, 742873 lbs White Sar

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mariah DayTITLE Permitting AgentSIGNATURE DATE 11/26/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

☐ Proposed
☒ As Is

THREE RIVERS FED 4-311-820 **GL: 4,769.4, KB: 4,781.9**
Sec 4, 8S, 20E **Uintah County, Utah**

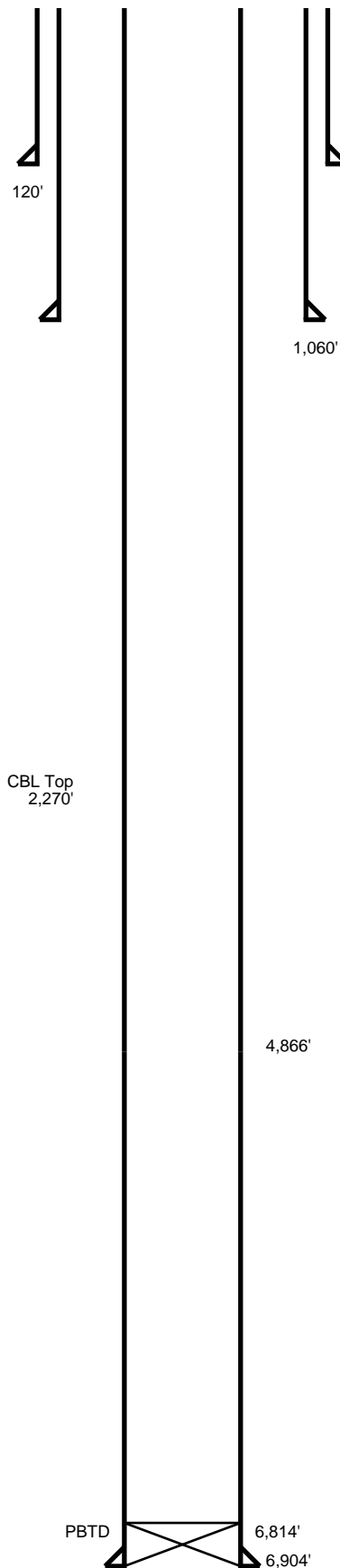
	Size	Weight	Grade	Depth	Sks/Cmt
Conductor	16	45	ARJ-55	120	
Surface	8 5/8	24	J-55	1060	500
Production	5 1/2	17	J-55	4866	690
Production	5 1/2	17	N-80	6904	690
Cement Top					

STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6784-6786	6770-6771	6731-6732	6706-6707	6697-6698	6678-6679	6663-6664
2	6556-6558	6549-6550	6540-6541	6530-6531	6523-6524	6519-6520	6513-6514
3	6426-6427	6403-6404	6379-6380	6343-6344	6309-6310	6287-6288	6268-6269
4	6135-6137	6109-6110	6101-6102	6079-6080	6069-6070	6037-6038	6024-6025
5	5914-5916	5908-5909	5894-5895	5881-5882	5871-5872	5844-5845	5832-5833
6	5509-5511	5504-5505	5497-5498	5493-5494	5379-5380	5343-5344	5318-5319
7	5206-5207	5198-5199	5170-5171	5150-5151	5144-5145	5127-5128	5111-5112

Stage	Date	Av.Rate	Av.Press	Proppant	CleanFluid	Tracer	Screenout
1	11/15/2014	49.0	2,874	108,219	2,739		N
2	11/15/2014	45.0	3,130	91,129	2,244		N
3	11/16/2014	2.0	2,183		174		N
4	11/16/2014	50.0	2,977	179,380	4,401		N
5	11/16/2014	51.0	2,742	151,718	3,758		N
6	11/16/2014	49.0	3,047	85,592	2,156		N
7	11/16/2014	51.0	2,350	126,835	3,073		N
Totals:				742,873	18,545		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
10/14/2014	11/04/2014	11/07/2014	11/09/2014	11/22/2014	





ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)
 Field: Uintah County Well: Three Rivers Fed 4-311-820
 Facility: Sec.04-T8S-R20E Wellbore: Three Rivers Fed 4-311-820 PWB

Plot reference wellpath is Three Rivers Fed 4-311-820 PWB

True vertical depths are referenced to Ensign 122 (RT)

Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet

Measured depths are referenced to Ensign 122 (RT)

North Reference: True north

Ensign 122 (RT) to Mean Sea Level: 4762.4 feet

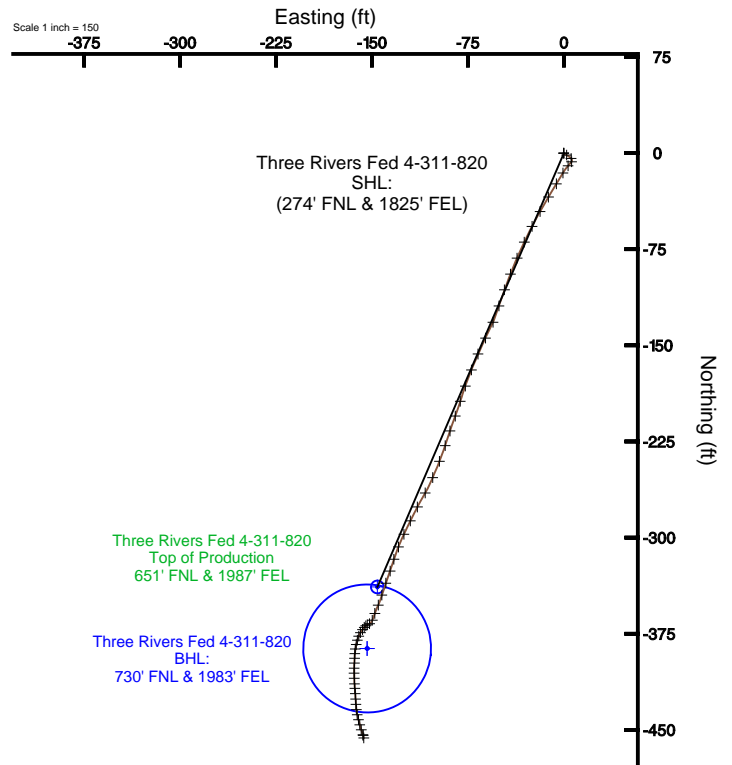
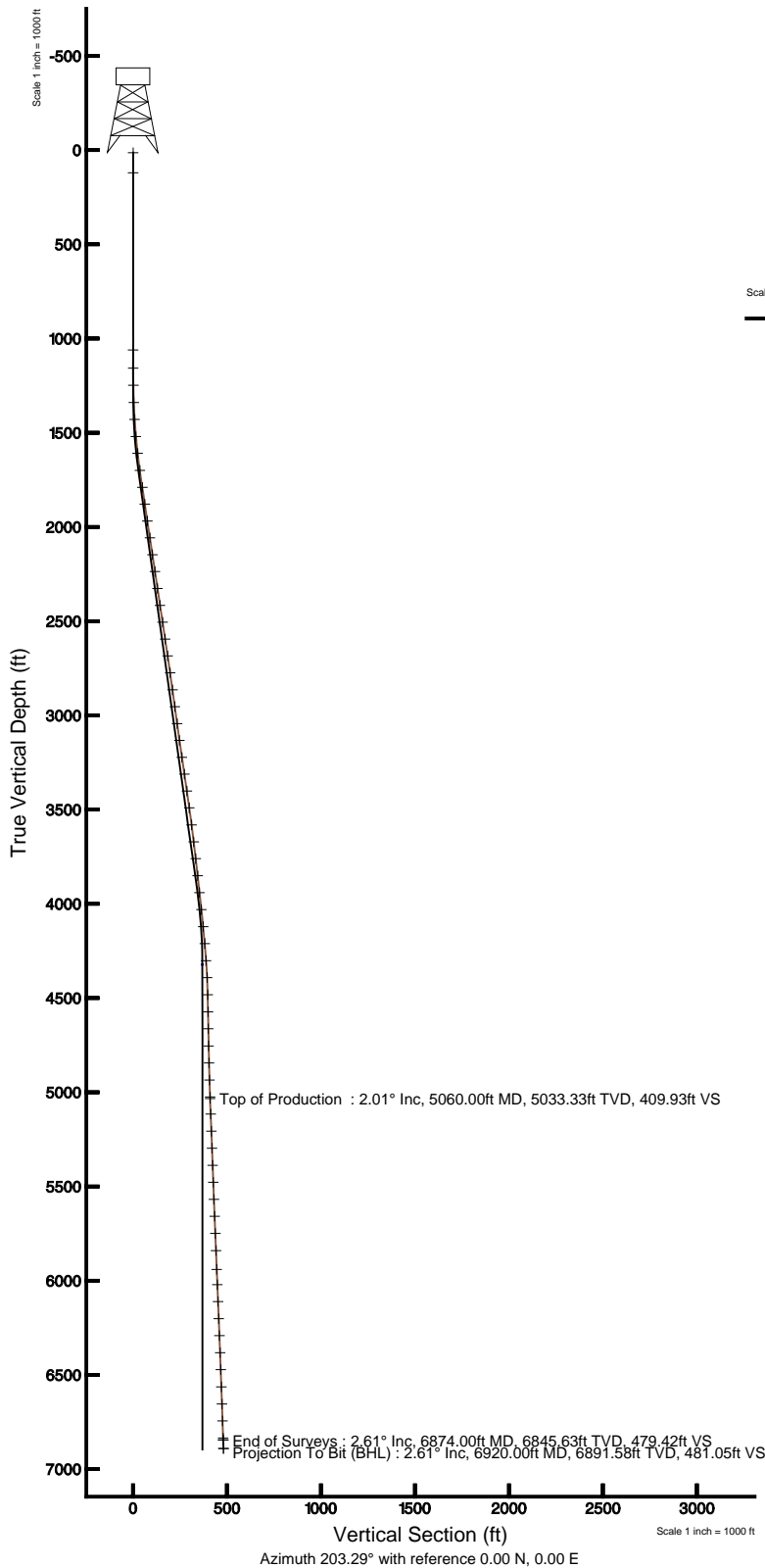
Scale: True distance

Mean Sea Level to Mud line (At Slot: Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)): 0 feet

Depths are in feet

Coordinates are in feet referenced to Slot

Created by: ewilliams on 12/12/2014





Actual Wellpath Report

Three Rivers Fed 4-311-820 AWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 4-311-820 AWB
Facility	Sec.04-T8S-R20E		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999915	Report Generated	12/12/2014 at 12:30:32 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_4-311-820_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	973.53	-1479.88	2151628.11	7231598.02	40°09'29.730"N	109°40'14.860"W
Facility Reference Pt			2153127.51	7230655.14	40°09'20.110"N	109°39'55.800"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM

Calculation method	Minimum curvature	Ensign 122 (RT) to Facility Vertical Datum	4782.40ft
Horizontal Reference Pt	Slot	Ensign 122 (RT) to Mean Sea Level	4782.40ft
Vertical Reference Pt	Ensign 122 (RT)	Ensign 122 (RT) to Mud Line at Slot (Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL))	4782.40ft
MD Reference Pt	Ensign 122 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	198.91°



Actual Wellpath Report

Three Rivers Fed 4-311-820 AWP

Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 4-311-820 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (71 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	122.850	0.00	0.00	0.00	0.00	40°09'29.730"N	109°40'14.860"W	0.00	
13.00	0.000	122.850	13.00	0.00	0.00	0.00	40°09'29.730"N	109°40'14.860"W	0.00	
120.00	0.000	0.000	120.00	0.00	0.00	0.00	40°09'29.730"N	109°40'14.860"W	0.00	
1060.00	0.000	0.000	1060.00	0.00	0.00	0.00	40°09'29.730"N	109°40'14.860"W	0.00	
1157.00	3.180	122.850	1156.95	0.65	-1.46	2.26	40°09'29.716"N	109°40'14.831"W	3.28	
1248.00	2.300	134.440	1247.85	2.04	-4.11	5.69	40°09'29.689"N	109°40'14.787"W	1.14	
1339.00	1.990	216.050	1338.80	4.34	-6.66	6.06	40°09'29.664"N	109°40'14.782"W	3.09	
1429.00	3.310	222.350	1428.70	8.22	-9.85	3.39	40°09'29.633"N	109°40'14.816"W	1.50	
1520.00	5.480	211.950	1519.43	14.86	-15.48	-0.68	40°09'29.577"N	109°40'14.869"W	2.53	
1610.00	7.110	210.630	1608.88	24.50	-23.92	-5.79	40°09'29.494"N	109°40'14.935"W	1.82	
1701.00	8.090	211.160	1699.08	36.28	-34.24	-11.98	40°09'29.392"N	109°40'15.014"W	1.08	
1792.00	8.400	209.440	1789.14	49.07	-45.51	-18.56	40°09'29.280"N	109°40'15.099"W	0.44	
1882.00	8.480	207.460	1878.17	62.09	-57.12	-24.85	40°09'29.166"N	109°40'15.180"W	0.33	
1973.00	8.790	204.940	1968.14	75.64	-69.38	-30.87	40°09'29.044"N	109°40'15.258"W	0.54	
2063.00	8.710	203.530	2057.09	89.27	-81.86	-36.49	40°09'28.921"N	109°40'15.330"W	0.25	
2154.00	8.400	201.550	2147.08	102.78	-94.36	-41.69	40°09'28.797"N	109°40'15.397"W	0.47	
2244.00	8.420	200.310	2236.11	115.93	-106.66	-46.39	40°09'28.676"N	109°40'15.457"W	0.20	
2335.00	8.400	197.230	2326.13	129.24	-119.25	-50.67	40°09'28.552"N	109°40'15.513"W	0.50	
2426.00	8.710	203.230	2416.12	142.75	-131.94	-55.35	40°09'28.426"N	109°40'15.573"W	1.04	
2516.00	8.790	207.150	2505.07	156.36	-144.32	-61.18	40°09'28.304"N	109°40'15.648"W	0.67	
2607.00	8.620	203.620	2595.03	170.03	-156.75	-67.09	40°09'28.181"N	109°40'15.724"W	0.62	
2697.00	8.620	201.240	2684.01	183.49	-169.22	-72.23	40°09'28.058"N	109°40'15.790"W	0.40	
2788.00	8.310	199.920	2774.02	196.88	-181.76	-76.94	40°09'27.934"N	109°40'15.851"W	0.40	
2879.00	7.600	196.920	2864.14	209.47	-193.70	-80.93	40°09'27.816"N	109°40'15.902"W	0.90	
2969.00	7.900	200.360	2953.32	221.60	-205.19	-84.82	40°09'27.702"N	109°40'15.952"W	0.61	
3060.00	7.700	199.350	3043.48	233.95	-216.80	-89.01	40°09'27.588"N	109°40'16.006"W	0.27	
3150.00	7.690	196.660	3132.67	246.00	-228.26	-92.74	40°09'27.474"N	109°40'16.054"W	0.40	
3241.00	8.800	203.140	3222.73	259.02	-240.50	-97.22	40°09'27.353"N	109°40'16.112"W	1.59	
3331.00	8.790	202.260	3311.67	272.75	-253.19	-102.53	40°09'27.228"N	109°40'16.181"W	0.15	
3422.00	8.090	210.060	3401.69	285.98	-265.17	-108.37	40°09'27.110"N	109°40'16.256"W	1.47	
3512.00	7.910	207.940	3490.81	298.31	-276.12	-114.45	40°09'27.001"N	109°40'16.334"W	0.38	
3603.00	7.500	205.960	3580.99	310.39	-286.99	-119.98	40°09'26.894"N	109°40'16.405"W	0.54	
3694.00	7.110	205.120	3671.25	321.88	-297.43	-124.97	40°09'26.791"N	109°40'16.470"W	0.44	
3784.00	6.720	202.120	3760.60	332.67	-307.35	-129.32	40°09'26.693"N	109°40'16.526"W	0.59	
3875.00	6.190	197.940	3851.02	342.89	-316.95	-132.83	40°09'26.598"N	109°40'16.571"W	0.78	
3965.00	6.190	197.540	3940.50	352.60	-326.19	-135.79	40°09'26.507"N	109°40'16.609"W	0.05	
4056.00	6.400	201.420	4030.95	362.57	-335.59	-139.12	40°09'26.414"N	109°40'16.652"W	0.52	
4147.00	6.010	195.430	4121.42	372.39	-344.91	-142.24	40°09'26.322"N	109°40'16.692"W	0.83	
4237.00	4.600	205.740	4211.03	380.68	-352.70	-145.06	40°09'26.245"N	109°40'16.728"W	1.89	
4328.00	4.290	198.640	4301.76	387.70	-359.21	-147.73	40°09'26.180"N	109°40'16.763"W	0.69	
4418.00	2.920	203.930	4391.58	393.35	-364.50	-149.74	40°09'26.128"N	109°40'16.789"W	1.56	
4509.00	1.680	241.960	4482.51	396.64	-367.24	-151.86	40°09'26.101"N	109°40'16.816"W	2.09	
4600.00	0.800	247.820	4573.48	398.03	-368.11	-153.62	40°09'26.092"N	109°40'16.839"W	0.98	
4690.00	1.020	232.750	4663.47	399.11	-368.83	-154.84	40°09'26.085"N	109°40'16.854"W	0.36	
4781.00	1.190	217.460	4754.46	400.68	-370.07	-156.06	40°09'26.073"N	109°40'16.870"W	0.37	



Actual Wellpath Report

Three Rivers Fed 4-311-820 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 4-311-820 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (71 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4871.00	1.680	216.050	4844.43	402.82	-371.88	-157.41	40°09'26.055"N	109°40'16.887"W	0.55	
4962.00	1.900	211.640	4935.38	405.57	-374.25	-158.98	40°09'26.032"N	109°40'16.908"W	0.29	
5052.00	1.990	201.950	5025.33	408.59	-376.97	-160.35	40°09'26.005"N	109°40'16.925"W	0.38	
5060.00†	2.007	201.247	5033.33	408.87	-377.22	-160.45	40°09'26.002"N	109°40'16.927"W	0.37	Top of Production
5143.00	2.200	194.630	5116.27	411.91	-380.12	-161.38	40°09'25.974"N	109°40'16.938"W	0.37	
5234.00	2.200	195.160	5207.20	415.39	-383.50	-162.28	40°09'25.940"N	109°40'16.950"W	0.02	
5324.00	2.300	189.920	5297.13	418.90	-386.94	-163.04	40°09'25.906"N	109°40'16.960"W	0.25	
5415.00	2.300	182.740	5388.06	422.46	-390.57	-163.44	40°09'25.870"N	109°40'16.965"W	0.32	
5505.00	2.300	182.250	5477.99	425.92	-394.17	-163.60	40°09'25.835"N	109°40'16.967"W	0.02	
5596.00	2.500	180.960	5568.91	429.56	-397.98	-163.71	40°09'25.797"N	109°40'16.968"W	0.23	
5686.00	2.500	184.150	5658.82	433.32	-401.90	-163.88	40°09'25.758"N	109°40'16.971"W	0.15	
5777.00	2.520	178.020	5749.74	437.11	-405.88	-163.96	40°09'25.719"N	109°40'16.972"W	0.30	
5868.00	2.520	178.950	5840.65	440.86	-409.88	-163.85	40°09'25.680"N	109°40'16.970"W	0.04	
5968.00	2.390	175.950	5940.56	444.85	-414.16	-163.66	40°09'25.637"N	109°40'16.968"W	0.18	
6049.00	2.610	174.850	6021.48	448.09	-417.68	-163.38	40°09'25.602"N	109°40'16.964"W	0.28	
6139.00	2.700	175.640	6111.38	451.90	-421.84	-163.03	40°09'25.561"N	109°40'16.960"W	0.11	
6230.00	2.610	178.020	6202.29	455.81	-426.04	-162.80	40°09'25.520"N	109°40'16.957"W	0.16	
6320.00	2.700	174.450	6292.19	459.65	-430.20	-162.52	40°09'25.479"N	109°40'16.953"W	0.21	
6411.00	2.520	175.550	6383.09	463.44	-434.33	-162.16	40°09'25.438"N	109°40'16.948"W	0.21	
6501.00	2.600	166.340	6473.01	466.98	-438.29	-161.52	40°09'25.399"N	109°40'16.940"W	0.47	
6592.00	2.500	166.030	6563.91	470.38	-442.22	-160.56	40°09'25.360"N	109°40'16.928"W	0.11	
6683.00	2.600	164.540	6654.82	473.75	-446.13	-159.53	40°09'25.321"N	109°40'16.915"W	0.13	
6773.00	2.600	162.160	6744.73	477.07	-450.04	-158.36	40°09'25.283"N	109°40'16.900"W	0.12	
6864.00	2.610	161.230	6835.64	480.37	-453.97	-157.06	40°09'25.244"N	109°40'16.883"W	0.05	
6874.00	2.610	164.360	6845.63	480.74	-454.40	-156.93	40°09'25.240"N	109°40'16.881"W	1.43	End of Surveys
6920.00	2.610	164.360	6891.58	482.46	-456.42	-156.36	40°09'25.220"N	109°40'16.874"W	0.00	Projection To Bit (BHL)



Actual Wellpath Report

Three Rivers Fed 4-311-820 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 4-311-820 AWB
Facility	Sec.04-T8S-R20E		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Three Rivers Fed 4-311-820 Driller's Target Radius: 5' 612' FNL & 1972' FEL		4323.00	-338.56	-145.74	2151489.33	7231256.58	40°09'26.384"N	109°40'16.737"W	circle
Target Box 400' X 400' Center @ 660' & 1980' FEL		4800.00	-386.56	-153.74	2151482.32	7231208.43	40°09'25.910"N	109°40'16.840"W	point
Three Rivers Fed 4-311-820 Target On Plat Radius: 50' (660' FNL & 1980' FEL)		4800.00	-386.56	-153.74	2151482.32	7231208.44	40°09'25.910"N	109°40'16.840"W	circle

WELLPATH COMPOSITION - Ref Wellbore: Three Rivers Fed 4-311-820 AWB Ref Wellpath: Three Rivers Fed 4-311-820 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	120.00	Unknown Tool (Standard)	Conductor	Three Rivers Fed 4-311-820 AWB
120.00	1060.00	Unknown Tool (Standard)	Surface	Three Rivers Fed 4-311-820 AWB
1060.00	6874.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers Fed 4-311-820 AWB
6874.00	6920.00	Blind Drilling (std)	Projection to bit	Three Rivers Fed 4-311-820 AWB



Actual Wellpath Report

Three Rivers Fed 4-311-820 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 4-311-820 (274' FNL & 1825' FEL)
Area	Three Rivers	Well	Three Rivers Fed 4-311-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 4-311-820 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
5060.00	2.007	201.247	5033.33	Top of Production
6874.00	2.610	164.360	6845.63	End of Surveys
6920.00	2.610	164.360	6891.58	Projection To Bit (BHL)

ULTRA RESOURCES, INC.
DAILY COMPLETION REPORT FOR 11/11/2014 TO 11/21/2014

Well Name	THREE RIVERS FED 4-311-820	Frac Planned	7
Location:	UINTAH County, UTAH(NWNE 4 8S 20E)	AFE#	141048
Total Depth Date:	11/07/2014 TD 6,920	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 4,866	GL:	KB: 4,782

Date: 11/11/2014			
Supervisor:		Duncan	
Work Objective:		Nipple up BOP	
Contractors:		Knight, BC Trucking	
Completion Rig:		Casedhole Sol	Supervisor Phone: 435-828-1472
Upcoming Activity:		Prep for frac work	
Activities			
0800-1100		MINU Knight 5K BOP.	
1100-1400		MIRU CHS WLU, run 4.65" gauge ring fr/surface to 6814'. POH w/gauge ring. Run CBL/GR/CCL fr/6802' to surface. TOC @ 2270'. RDMO WLU.	
Costs (\$):		Daily: 7,330	Cum: 10,930
		AFE:	1,298,141

Date: 11/12/2014			
Supervisor:		Duncan	
Work Objective:		Prep for frac work	
Contractors:		R&R, Rhetts	
Completion Rig:		(Missing)	Supervisor Phone: 435-828-1472
Upcoming Activity:		Pressure test	
Activities			
0800-1700		MI set frac and flow back tanks. RU flow back iron.	
Costs (\$):	Daily: 0	Cum: 10,930	AFE: 1,298,141

Date: 11/13/2014			
Supervisor:		Duncan	
Work Objective:		Testing	
Contractors:		RBS, R&R, Sunrise	
Completion Rig:		(Missing)	Supervisor Phone: 435-828-1472
Upcoming Activity:		Perforating	
Activities			
0800-1700		MIRU RBS test unit, test casing, WH, and flow back iron to 4250 psi. Good test. RDMO tester. Install live load and suction manifolds.	
Costs (\$):	Daily:	16,172	Cum: 27,102 AFE: 1,298,141

Date: 11/14/2014			
Supervisor:		Duncan/O'Brien	
Work Objective:		Perforating	
Contractors:		CHS,R&R,Protechnic,HAL-WL,HAL-FRAC,,	
Completion Rig:		Casedhole Sol, HAL RED T4	Supervisor Phone: 435-828-1472/307-260-5789
Upcoming Activity:		RU frac equipment	
Activities			
1000-1200		Perforate stage 1 (6581'-6786').	
1800-1801		MORU HAL-WL.	
0000-1430		MORU. frac equip.	
Costs (\$):	Daily:	7,969	Cum: 35,071
			AFE: 1,298,141

Date:		11/15/2014	
Supervisor:		O'Brien/Scott/Hutchinson	
Work Objective:		Perf, Frac, and Flowback	
Contractors:		R&R,Protechnic,HAL-WL,HAL-FRAC,IPS,ETS	
Completion Rig:		Hal, HAL RED T4	Supervisor Phone: 307-350-8487/307-260-5789
Upcoming Activity:		Perf, Frac, and Flowback	
Activities			
0000-1430		MORU. frac equip.	
1430-1810		Bucket & loop test. Wait for chemicals. Work on pumps.	
1810-1825		Review location hazards. Discuss slips, trips, & falls. Review WHD operations, High Pressure pumping, FB, crane operations, chemical handling, MSDS sheets & PPE requirements. Discuss traffic control & the use of	
		land guides while backing. Review the reporting of property damage, & personnel injuries. Establish smoking	
		area & Muster area.	
1825-1955		Wait to frac TR33-34-720.	
1955-2005		Pressure test frac lines to 5000 psi.	
2005-2105		Frac stage 1.	
2105-2130		Pick up perforating guns.	
2130-2230		Perforate stage 2 (6474-6558) Set 5.5" FTFP @ 6572'.	
2230-2359		Frac stage 2. Screened out on 6# sand 89% pumped. Cut sand short because of pressure. Call Denver.	
0000-0221		Flow well after screen out. 290 bbls. to clean up. Trace of sand.	
Costs (\$):	Daily:	3,000	Cum: 38,071
			AFE: 1,298,141

Date:	11/16/2014		
Supervisor:	O'Brien/Scott/Hutchinson		
Work Objective:	Perf, Frac, and Flowback		
Contractors:	R&R,Protechnic,HAL-WL,HAL-FRAC		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone: 307-260-5789/307-354-6007	
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
0000-0221	Flow well after screen out. 290 bbls. to clean up. Trace of sand.		
0221-0420	Finish rehead WL. MU. plug & perf guns. RIH. to perforate stage 3. (6169-6427) Set 5.5" FTFP @ 6447'.		
0420-0600	Frac stage 3. Could not break down. Surged well 3 times for 5 min. Move on to stage 4.		
0600-0720	Perforate stage 4 (5948-6137). No Plug.		
0720-0805	Wait on the TR_33-34-720.		
0805-1005	Frac stage 4.		
1005-1105	Perforate stage 5 (5737-5916). set 5.5" FTFP @ 5938'.		
1105-1105	Wait on the TR_33-34-720.		
1205-1350	Frac stage 5.		
1350-1445	Perforate stage 6 (5240-5511) Set 5.5" FTFP @ 5531'.		
1445-1510	Work on pumps.		
1510-1630	Wait On TR_33-34-720		
1630-1735	Frac Stage 6		
1735-1920	Perforate stage 7 (5060-5207) Set 5.5" FTFP @ 5227'.		
1920-2045	Change Out Chemical Trailer And Unload Gel		
2045-2150	Frac Stage 7		
	SICP = 1315 PSI.		
2330-2331	RDMO Vendors W/O CTU		
Costs (\$):	Daily:	314,850	Cum: 352,921 AFE: 1,298,141

Date: 11/17/2014			
Supervisor:		Stringham/Duncan	
Work Objective:		Drill out plug	
Contractors:		R&R,IPS,ETS,Rheets	
Completion Rig:		IPS CT 2"	Supervisor Phone: 435-790-2326/435-828-1472
Upcoming Activity:		Flow test well	
Activities			
0730-0800		Safety Meeting-Review location hazards including , WHD, crane operations, the use land guides while backing. Review incident reporting of property damage, & personnel injuries. Slips trips and falls, Establish smoking area & Muster area.	
0800-1030		Spot in and RU crane & coil tubing unit. NU. stack, and flow lines. Pick up injector head and NU. lub. Fill coil with water. Install coil connect. Pull test to 25,000# & pressure test to 3000 psi.	
1030-1145		Break lubricator off 7-1/16" BOP. New ETS BHA as follows: Coil Connector, Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (back pressure valve) Hydraulic Disconnect, motor and 5 blade 4.625" mill.	
		Reconnect lubricator. Function test motor,(1600 psi @ 1.5 bbl/min). NU lubricator to stack. Fill surface lines with water. Close valve to flowback tank and pressure test to 3500 psi. Bleed pressure back to 1000 psi.	
		Open top ram, 1100 psi.	
1145-1220		RIH with mill and motor to plug @ 5227'. (Coil depth 5229').	
1220-1235		Drill Plug. 800 psi.	
1235-1250		Pump a 10 bbl gel sweep. RIH to plug @ 5531'. (Coil depth 5544').	
1250-1305		Drill Plug. 850 psi.	
1305-1320		Pump a 10 bbl gel sweep. RIH to plug @ 5938'. Tag sand at 5904', wash sand to plug. (Coil depth 5954').	
1320-1330		Drill Plug. 950 psi.	
1330-1350		Pump a 20 bbl gel sweep. RIH to plug @ 6447'. (Coil depth 6461').	
1350-1400		Drill Plug. 950 psi.	
1400-1405		Pump a 10 bbl gel sweep. RIH to plug @ 6572'. (Coil depth 6577').	
1405-1415		Drill Plug. 950 psi.	
1415-1600		RIH to PBTD @ 6814'. Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. Coil PBTD @ 6900'	
		Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom ram, SICP 1000#.	
1600-1630		ND swing over to the TR_33-34-720.	
1630-1631		Turn well over to flow testers, open well on 18/64 choke. IP 1050 PSI. Note: Fill void in between rams with methanol.	
Costs (\$):	Daily:	51,914	Cum: 404,835 AFE: 1,298,141

Date: 11/18/2014			
Supervisor:		Stringham/Duncan	
Work Objective:		Flow test well	
Contractors:		R&R,Rheets	
Completion Rig:		(Missing)	Supervisor Phone: 435-790-2326/435-828-1472
Upcoming Activity:		Flow test well	
Costs (\$):	Daily:	0	Cum: 404,835 AFE: 1,298,141

Date: 11/19/2014			
Supervisor:		Stringham/Duncan	
Work Objective:		Flow test well	
Contractors:		R&R, Rhetts	
Completion Rig:		(Missing)	Supervisor Phone: 435-790-2326/435-828-1472
Upcoming Activity:		Flow test well	
Costs (\$):	Daily:	0	Cum: 404,835 AFE: 1,298,141

Date: 11/20/2014			
Supervisor:		Stringham/Duncan	
Work Objective:		Flow test well	
Contractors:		R&R, Rhetts	
Completion Rig:		(Missing)	Supervisor Phone: 435-790-2326/435-828-1472
Upcoming Activity:		Turned over to Production Dept	
Costs (\$):	Daily:	7,205	Cum: 412,040
			AFE: 1,298,141

Date: 11/21/2014				
Supervisor:		Fletcher		
Work Objective:		Turned over to Production Dept		
Contractors:		(Missing)		
Completion Rig:		(Missing)		Supervisor Phone: 3036459812
Upcoming Activity:				
Costs (\$):	Daily:	14,022	Cum:	426,062
			AFE:	1,298,141

ULTRA RESOURCES, INC.
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS FED 4-311-820

Well Name: THREE RIVERS FED 4-311-820			Fracs Planned: 7		
Location: UINTAH County, UTAH (NWNE 004 8S 20E)					
Stage 1		Frac Date: 11/15/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,874 PSI	
Initial Completion		Proppant: 108,219 lbs total	Max Rate: 61.0 BPM	Max Pressure: 4,117 PSI	
108219 lbs Ottawa					
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 3,624 PSI	Base BBLS to Recover: 2,739 BBLs		
Pseudo Frac Gradient: 0.967 PSI/FT		Pseudo Frac Gradient: 18.591 LB/GAL	Net Pressure: 2421 psi		
			Total BBLS to Recover: 2,739 BBLs		
Breakdown Pressure: 2793		Breakdown Rate: 3.9	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
12	11/14/2014	3		6,581	6,582
11	11/14/2014	3		6,595	6,596
10	11/14/2014	3		6,605	6,606
9	11/14/2014	3		6,625	6,626
8	11/14/2014	3		6,652	6,653
7	11/14/2014	3		6,663	6,664
6	11/14/2014	3		6,678	6,679
5	11/14/2014	3		6,697	6,698
4	11/14/2014	3		6,706	6,707
3	11/14/2014	3		6,731	6,732
2	11/14/2014	3		6,770	6,771
1	11/14/2014	3		6,784	6,786
Stage 2		Frac Date: 11/15/2014	Avg Rate: 45.0 BPM	Avg Pressure: 3,130 PSI	
Initial Completion		Proppant: 91,129 lbs total	Max Rate: 60.0 BPM	Max Pressure: 4,283 PSI	
91129 lbs Ottawa					
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 3,248 PSI	Base BBLS to Recover: 2,244 BBLs		
Pseudo Frac Gradient: 0.928 PSI/FT		Pseudo Frac Gradient: 17.846 LB/GAL	Net Pressure: 944 psi		
			Total BBLS to Recover: 2,244 BBLs		
Breakdown Pressure: 2210		Breakdown Rate: 11.0	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
11	11/15/2014	3		6,474	6,475
10	11/15/2014	3		6,483	6,484
9	11/15/2014	3		6,488	6,489
8	11/15/2014	3		6,502	6,503
7	11/15/2014	3		6,513	6,514
6	11/15/2014	3		6,519	6,520
5	11/15/2014	3		6,523	6,524
4	11/15/2014	3		6,530	6,531
3	11/15/2014	3		6,540	6,541
2	11/15/2014	3		6,549	6,550
1	11/15/2014	3		6,556	6,558
Stage 3		Frac Date: 11/16/2014	Avg Rate: 2.0 BPM	Avg Pressure: 2,183 PSI	
Initial Completion		Proppant: 0 lbs total	Max Rate: 10.0 BPM	Max Pressure: 4,517 PSI	
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,220 PSI	Base BBLS to Recover: 174 BBLs		
Pseudo Frac Gradient: 0.623 PSI/FT		Pseudo Frac Gradient: 11.974 LB/GAL	Net Pressure:		
			Total BBLS to Recover: 174 BBLs		
Breakdown Pressure: 0		Breakdown Rate: 0.0	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
13	11/16/2014	3		6,169	6,170
12	11/16/2014	3		6,178	6,179
11	11/16/2014	3		6,189	6,190
10	11/16/2014	3		6,201	6,202
9	11/16/2014	3		6,216	6,217
8	11/16/2014	3		6,227	6,228
7	11/16/2014	3		6,268	6,269
6	11/16/2014	3		6,287	6,288
5	11/16/2014	3		6,309	6,310
4	11/16/2014	3		6,343	6,344
3	11/16/2014	3		6,379	6,380
2	11/16/2014	3		6,403	6,404
1	11/16/2014	3		6,426	6,427

Stage 4	Frac Date: 11/16/2014	Avg Rate: 50.0 BPM	Avg Pressure: 2,977 PSI
Initial Completion	Proppant: 179,380 lbs total	Max Rate: 66.0 BPM	Max Pressure: 3,937 PSI
	179380 lbs Ottawa		
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,554 PSI	Base BBLS to Recover: 4,401 BBLs
	Pseudo Frac Gradient: 0.686 PSI/FT	Pseudo Frac Gradient: 13.193 LB/GAL	
		Net Pressure: -187 psi	Total BBLS to Recover: 4,401 BBLs
	Breakdown Pressure: 2289	Breakdown Rate: 8.4	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
11	11/16/2014	3	5,948 5,949
10	11/16/2014	3	5,965 5,966
9	11/16/2014	3	5,994 5,995
8	11/16/2014	3	6,008 6,009
7	11/16/2014	3	6,024 6,025
6	11/16/2014	3	6,037 6,038
5	11/16/2014	3	6,069 6,070
4	11/16/2014	3	6,079 6,080
3	11/16/2014	3	6,101 6,102
2	11/16/2014	3	6,109 6,110
1	11/16/2014	3	6,135 6,137

Stage 5	Frac Date: 11/16/2014	Avg Rate: 51.0 BPM	Avg Pressure: 2,742 PSI
Initial Completion	Proppant: 151,718 lbs total	Max Rate: 65.0 BPM	Max Pressure: 4,298 PSI
	151718 lbs Ottawa		
	Initial Annulus Pressure: 15	Final Annulus Pressure: 18	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,979 PSI	Base BBLS to Recover: 3,758 BBLs
	Pseudo Frac Gradient: 0.768 PSI/FT	Pseudo Frac Gradient: 14.756 LB/GAL	
		Net Pressure: -487 psi	Total BBLS to Recover: 3,758 BBLs
	Breakdown Pressure: 1644	Breakdown Rate: 10.2	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	11/16/2014	3	5,737 5,738
11	11/16/2014	3	5,769 5,770
10	11/16/2014	3	5,780 5,781
9	11/16/2014	3	5,792 5,793
8	11/16/2014	3	5,818 5,819
7	11/16/2014	3	5,832 5,833
6	11/16/2014	3	5,844 5,845
5	11/16/2014	3	5,871 5,872
4	11/16/2014	3	5,881 5,882
3	11/16/2014	3	5,894 5,895
2	11/16/2014	3	5,908 5,909
1	11/16/2014	3	5,914 5,916

Stage 6	Frac Date: 11/16/2014	Avg Rate: 49.0 BPM	Avg Pressure: 3,047 PSI
Initial Completion	Proppant: 85,592 lbs total	Max Rate: 62.0 BPM	Max Pressure: 3,784 PSI
	85592 lbs Ottawa		
	Initial Annulus Pressure: 15	Final Annulus Pressure: 18	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,769 PSI	Base BBLS to Recover: 2,156 BBLs
	Pseudo Frac Gradient: 0.754 PSI/FT	Pseudo Frac Gradient: 14.496 LB/GAL	
		Net Pressure: -803 psi	Total BBLS to Recover: 2,156 BBLs
	Breakdown Pressure: 2562	Breakdown Rate: 2.5	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
11	11/16/2014	3	5,240 5,241
10	11/16/2014	3	5,274 5,275
9	11/16/2014	3	5,287 5,288
8	11/16/2014	3	5,303 5,304
7	11/16/2014	3	5,318 5,319
6	11/16/2014	3	5,343 5,344
5	11/16/2014	3	5,379 5,380
4	11/16/2014	3	5,493 5,494
3	11/16/2014	3	5,497 5,498
2	11/16/2014	3	5,504 5,505
1	11/16/2014	3	5,509 5,511

Stage 7	Frac Date: 11/16/2014	Avg Rate: 51.0 BPM	Avg Pressure: 2,350 PSI
Initial Completion	Proppant: 126,835 lbs total	Max Rate: 62.0 BPM	Max Pressure: 3,746 PSI
	126835 lbs Ottawa		
	Initial Annulus Pressure: 20	Final Annulus Pressure: 21	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,315 PSI	Base BBLs to Recover: 3,073 BBLs
	Pseudo Frac Gradient: 0.686 PSI/FT	Pseudo Frac Gradient: 13.180 LB/GAL	
		Net Pressure: -321 psi	Total BBLs to Recover: 3,073 BBLs
	Breakdown Pressure: 1582	Breakdown Rate: 7.1	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
13	11/16/2014	3	5,060 5,061
12	11/16/2014	3	5,069 5,070
11	11/16/2014	3	5,077 5,078
10	11/16/2014	3	5,087 5,088
9	11/16/2014	3	5,097 5,098
8	11/16/2014	3	5,103 5,104
7	11/16/2014	3	5,111 5,112
6	11/16/2014	3	5,127 5,128
5	11/16/2014	3	5,144 5,145
4	11/16/2014	3	5,150 5,151
3	11/16/2014	3	5,170 5,171
2	11/16/2014	3	5,198 5,199
1	11/16/2014	3	5,206 5,207

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/15/2014
Job End Date:	11/16/2014
State:	Utah
County:	Uintah
API Number:	43-047-54254-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three Rivers 4-311-820
Longitude:	-109.67079400
Latitude:	40.15825800
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,500
Total Base Water Volume (gal):	700,373
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	87.54617	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	11.57241	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.13550	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.05177	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02588	
			Naphthalene	91-20-3	5.00000	0.00431	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00431	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00086	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.05192	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02998	

			Ethylene glycol	107-21-1	30.00000	0.01499	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.03193	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.02737	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00456	
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Phosphonate of Diamine, Sodium Salt	Proprietary	30.00000	0.01164	
			Methyl Alcohol	67-56-1	30.00000	0.01164	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.00941	
			Acetic acid	64-19-7	60.00000	0.00565	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01238	
MC B-8614	Multi-Chem	Biocide					
			Acetone	67-64-1	40.00000	0.00515	
			Glutaraldehyde	111-30-8	30.00000	0.00387	
MUSOL A SOLVENT	Halliburton	Solvent					
			Ethylene glycol monobutyl ether	111-76-2	100.00000	0.00397	
			Oxylated alcohol	Confidential	30.00000	0.00119	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00271	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00081	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00194	
HAI-404	Halliburton	Corrosion Inhibitor					
			Methanol	67-56-1	30.00000	0.00051	
			Isopropanol	67-63-0	30.00000	0.00051	
			Aldehyde	Confidential	30.00000	0.00051	
			Chloromethylnaphthalene quinine quaternary amine	15619-48-4	10.00000	0.00017	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		0.59272	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02588	
		Other Ingredient(s)					
			Polyacrylamide copolymer	Confidential		0.01238	
		Other Ingredient(s)					

			Oxyalkylated phenolic resin	Confidential		0.00863	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00472	
		Other Ingredient(s)					
			Quaternary ammonium compound	Confidential		0.00456	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00266	
		Other Ingredient(s)					
			Modified bentonite	Confidential		0.00260	
		Other Ingredient(s)					
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00224	
		Other Ingredient(s)					
			Fatty acid tall oil amide	Confidential		0.00206	
		Other Ingredient(s)					
			Ammonium chloride	12125-02-9		0.00206	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00081	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00053	
		Other Ingredient(s)					
			Ethoxylated nonylphenol	Confidential		0.00052	
		Other Ingredient(s)					
			Silica, amorphous - fumed	7631-86-9		0.00052	
		Other Ingredient(s)					
			Naphthenic acid ethoxylate	68410-62-8		0.00051	
		Other Ingredient(s)					
			Methanol	67-56-1		0.00048	
		Other Ingredient(s)					
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00041	
		Other Ingredient(s)					
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00041	
		Other Ingredient(s)					
			Fatty acids, tall oil	Confidential		0.00017	
		Other Ingredient(s)					
			Propylene glycol	57-55-6		0.00017	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00014	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					

		Crystalline silica, quartz	14808-60-7		0.00005	
		Other Ingredient(s)				
		C.I. Pigment Red 5	6410-41-9		0.00003	
		Other Ingredient(s)				
		Cured acrylic resin	Confidential		0.00003	
		Other Ingredient(s)				
		Ammonium phosphite	13446-12-3		0.00002	
		Other Ingredient(s)				
		Naphthalene	91-20-3		0.00000	
		Other Ingredient(s)				
		Phosphoric Acid	7664-38-2		0.00000	
		Other Ingredient(s)				
		Sodium sulfate	7757-82-6		0.00000	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Well Name: Three Rivers 4-311-820 1 MV/Lance

Date, Time & SO: 11/15/14 8:04 PM 901834399
Top & Bottom Perfs: 6581 TO 6732.0
Mid-Perf: 6684

BHST: 148 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives																		Liquid Additives							
						Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Prop Conc	Prop Conc	WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)						
		(bbl)			(gal)																										
1	Pre-Pad	17	0:01:41	FR Water	704	0	4.2	10.7	1646	2794	49	0.00	0.00					1.00	0.50				0.50	0.20							
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	12.4	26.4	2262	2866	2025	0.00	2.00																		
3	0 PPG	119	0:01:59	FR Water	5006	0	46.4	55.8	3176	3420	2866	0.00	0.09					1.00	0.50	0.98			0.50	0.20							
4	0.5 PPG White Sand	364	0:06:04	FR Water	14933	6,018	59.3	60.4	2223	3058	2009	0.40	0.47					1.00	0.50	0.98			0.50	0.20							
5	0 PPG	196	0:03:16	FR Water	8219	321	60.2	60.3	2312	2560	2122	0.04	0.46					1.00	0.50	0.98			0.50	0.20							
6	0.5 PPG White Sand	425	0:07:05	FR Water	17421	7,683	60.1	60.4	2678	3206	2448	0.44	0.48					1.00	0.50	0.98			0.50	0.20							
7	0 PPG	196	0:03:16	FR Water	8233	321	59.9	60.1	3154	3207	3094	0.04	0.46					1.00	0.50	0.98			0.50	0.20							
8	0.5 PPG White Sand	181	0:03:01	FR Water	7406	3,096	57.9	60.5	3072	3219	2812	0.42	0.50					1.00	0.50	0.98			0.50	0.20							
9	0.5 PPG White Sand	123	0:02:03	FR Water	5041	2,415	60.4	60.6	3119	3169	3075	0.48	0.52					1.00	0.50	2.00			0.50	0.20							
10	0.5 PPG White Sand	122	0:02:02	FR Water	4991	2,351	60.3	60.8	3168	3220	3111	0.47	0.50					1.00	0.50	0.25			0.50	0.20							
11	0 PPG	0	0:00:00	18# Delta 140	0	0								18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20							
12	2 PPG White Sand	358	0:05:58	18# Delta 140	13695	26,377	59.7	60.1	3425	3668	3187	1.93	2.07	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20							
13	4 PPG White Sand	222	0:03:42	18# Delta 140	7804	29,366	58.5	59.6	3494	3715	3124	3.76	4.06	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20							
14	6 PPG White Sand	213	0:03:33	18# Delta 140	6913	31,503	57.3	58.4	3496	3738	2836	4.56	6.20	18.00	1.80	1.80		1.00	0.50		1.00	0.50		0.20							
						0																									
15	Flush	169	0:02:49	FR Water	7106	0	23.9	52.6	3012	4117	3502	0.00	0.00					1.00	0.50				0.50	0.20							
						0																									
	Growler @ Flush	57			2400	0								50.00				0.00						0.00							
Calculated Amt														511.42	51.14	56.70	0.00	107.47	53.74	76.85	28.41	14.21	39.53	21.49							
Actual Amt														529.40	52.00	57.00		107.00	52.80	76.70	28.00	14.00	40.00	21.20							
Percent Variance														3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%							
Strap Amt														529.00	53.00	59.00		105.00	52.00	76.00	29.00	15.00	41.00	21.00							
Percent Variance														3.4%	3.6%	4.0%	0.0%	-2.3%	-3.2%	0.0%	0.0%	0.0%	3.7%	0.0%							
Percent Variance is reported as 0% if variance is within 1 gallon.																															
Slurry (bbl)		2728																													

Slurry (bbl) 2728
Pump Time (Min) 0:48:51
Clean Fluid (gal) 108472
Proppant (lb) 124980

Avg Rate 48.6 BPM
Avg Corrected Rate 52.0 BPM
Max Rate 60.8 BPM
Average Prop Con 0.4
Average Pressure 2874.1 PSI
Maximum Pressure 4117.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.40 PPG
Wellhead Pressure: 600 PSI
Broke Back: 2793 PSI
Pressure (Prop at Perfs) 2144 PSI
Initial ISIP: PSI
ISDP: 3624 PSI

@ 3.9 BPM
@ 60.3 BPM
@ 0.979 PSI/FT

(Use weight slips for below amounts)				Variance		COMMENTS:			
TOTAL PROPPANT PUMPED: 108,262 Lbs				5.5%		HES Engineer: Sabrina Dona			
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari	Co. Rep: Andy Hutchinson
0%	None	20/40		Lbs	1.1%	3.1%	-5.3%	0.0%	Crew: RED B
0%	TLC	20/40		Lbs					Equipment running well
100%	White Sand	20/40	108,262	Lbs					Xlink samples look good
Initial Annulus Pressure 0.0 PSI				Average Annulus Pressure 0.0 PSI				Good job by Crew	
Final Annulus Pressure 0.0 PSI				Change in Annulus Pressure 0.0 PSI				3bbl overflush per Co Rep	

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
585	585	89.4

Well Name: Three Rivers 4-311-820 2 MV/Lance

Date, Time & SO: 11/15/14 11:00 PM 901834399
Top & Bottom Perfs: 6474 TO 6550.0
Mid-Perf: 6630

BHST: 148 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Liquid Additives														Liquid Additives									
						Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)					
1	Pre-Pad	24	0:02:24	FR Water	1009	0	6.1	11.0	1505	2217	781	0.00	0.00				0	1.00	0.50				0.50	0.20					
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	9.9	19.6	1929	2585	1334	0.00	1.39				0												
3	0 PPG	141	0:02:21	FR Water	5918	12	39.9	50.5	3158	3446	2555	0.00	0.06				0	1.00	0.50	1.14			0.50	0.20					
4	0.5 PPG White Sand	324	0:05:24	FR Water	13285	5.699	56.3	58.8	3284	3550	2889	0.43	0.48				0	1.00	0.50	1.14			0.50	0.20					
5	0 PPG	164	0:02:44	FR Water	6870	0	60.1	60.3	3468	3603	3298	0.00	0.00				0	1.00	0.50	1.14			0.50	0.20					
6	0.5 PPG White Sand	377	0:06:17	FR Water	15464	6.974	57.4	60.4	3367	3602	2960	0.45	0.49				0	1.00	0.50	1.14			0.50	0.20					
7	0 PPG	164	0:02:44	FR Water	6882	0	55.7	55.8	3327	3371	3290	0.00	0.00				0	1.00	0.50	1.14			0.50	0.20					
8	0.5 PPG White Sand	134	0:02:14	FR Water	5497	2.204	55.7	55.8	3344	3376	3306	0.40	0.48				0	1.00	0.50	1.14			0.50	0.20					
9	0.5 PPG White Sand	123	0:02:03	FR Water	5032	2.340	55.7	55.8	3311	3323	3295	0.47	0.47				0	1.00	0.50	2.00			0.50	0.20					
10	0.5 PPG White Sand	121	0:02:01	FR Water	4954	2.472	55.5	55.7	3349	3400	3317	0.50	0.58				0	1.00	0.50	0.25			0.50	0.20					
11	0 PPG	0	0:00:00	18# Delta 140	0	0						0.00	0.00	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20					
12	2 PPG White Sand	318	0:05:18	18# Delta 140	12166	23.517	53.0	55.5	3298	3511	2828	1.93	2.05	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20					
13	4 PPG White Sand	197	0:03:17	18# Delta 140	6903	26.335	50.8	54.4	3205	3426	2989	3.82	4.05	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20					
14	6 PPG White Sand	162	0:02:42	18# Delta 140	5256	20.272	47.5	53.3	3370	3722	2990	3.86	5.22	18.00	1.80	1.80		1.00	0.50		1.00	0.50		0.20					
						0																							
15	Flush	96	0:01:36	FR Water	4020	0	19.8	36.4	3901	4283	3233	0.00	0.00					1.00	0.50				0.50	0.20					
						0																							
	Growler @ Flush	57			2400	0								50.00				0.00					0.00						
Calculated Amt														437.85	43.79	36.49	0.00	93.26	46.63	77.29	24.33	12.16	34.47	18.65					
Actual Amt														429.40	43.00	36.00	0.00	92.30	46.30	77.00	24.00	13.10	34.00	19.40					
Percent Variance														-1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
Strap Amt														429.00	46.00	38.00	0.00	92.00	46.00	80.00	25.00	13.00	36.00	19.00					
Percent Variance														-2.0%	5.1%	4.1%	0.0%	-1.3%	0.0%	3.5%	0.0%	0.0%	4.5%	0.0%					
Slurry (bbl)		2367																											

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 2367
Pump Time (Min) 0:43:27
Clean Fluid (gal) 94256
Proppant (lb) 105596

Avg Rate 44.5 BPM
Avg Corrected Rate 47.5 BPM
Max Rate 60.4 BPM
Average Prop Con 0.4
Average Pressure 3129.7 PSI
Maximum Pressure 4283.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.42 PPG
Wellhead Pressure: 783 PSI
Broke Back: 2210 PSI
Pressure (Prop at Perfs) 3203 PSI
Initial ISIP: PSI
ISDP: 3248 PSI

@ 11.0 BPM
@ 55.8 BPM
@ 0.928 PSI/FT

TOTAL PROPPANT PUMPED: 91,154 Lbs				Variance 11.4%				COMMENTS:			
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari			
0%	None	20/40		Lbs	-1.5%	-2.1%	-10.3%	0.0%			
0%	TLC	20/40		Lbs							
100%	White Sand	20/40	91,154	Lbs							
Initial Annulus Pressure 0.0 PSI				Average Annulus Pressure 0.0 PSI							
Final Annulus Pressure 0.0 PSI				Change in Annulus Pressure 0.0 PSI							

CLEAN STREAM:		
UV1 HRs	UV2 HRs	Transm.%
586	586	79.8

HES Engineer: Sabrina Dona
Co. Rep: Davey O'Brien
Crew: RED B
Xlink samples look good
Good job by Crew
HHP lost driveline to hydraulic pump for cooling fan in stage 10
Issues with a HHP kicking out all throughout S12 and S13
HHP 896 Rebooted Ace in stage 14 again
Treatment Proppant read 91154 Charged this amount
Cut job short due to pressure
Cut flush early due to pressure per co rep

Well Name: Three Rivers 4-311-820 3 MV/Lance

Date, Time & SO: 11/16/14 4:30 AM 901834399
Top & Bottom Perfs: 6169 TO 6344.0
Mid-Perf: 6298

BHST: 143 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives				Liquid Additives								
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)		
1	Pre-Pad	174	0:17:23	FR Water	7304	0	2.2	9.7	2183	4517	680	0.00	0.00				0	1.00	0.50				0.50	0.20		
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
						0																				
	Growler @ Flush	57			2400	0								50.00				0.00					0.00			
Calculated Amt														0.00	0.00	0.00	0.00	7.30	3.65	0.00	0.00	0.00	3.65	1.46		
Actual Amt																							3.60			
Percent Variance														0.0%	0.0%	0.0%	0.0%	-100.0%	-100.0%	0.0%	0.0%	0.0%	0.0%	-100.0%		
Strap Amt																										
Percent Variance														0.0%	0.0%	0.0%	0.0%	-100.0%	-100.0%	0.0%	0.0%	0.0%	-100.0%	-100.0%		
Slurry (bbl)		174																								

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 174
Pump Time (Min) 1:21:07
Clean Fluid (gal) 7304
Proppant (lb)

Avg Rate 2.2 BPM
Avg Corrected Rate BPM
Max Rate 9.7 BPM
Average Prop Con
Average Pressure 2183.0 PSI
Maximum Pressure 4517.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.42 PPG
Wellhead Pressure: 722 PSI
Broke Back: PSI
Pressure (Prop at Perfs) PSI
Initial ISIP: PSI
ISDP: 1220 PSI

@ BPM
@ BPM
@ 0.632 PSI/FT

(Use weight slips for below amounts)				TOTAL PROPPANT PUMPED: 0 Lbs	
% of Job	Prop	Mesh	Quantity	Units	
0%	None	20/40		Lbs	
0%	TLC	20/40		Lbs	
0%	White Sand	20/40	0	Lbs	
Initial Annulus Pressure		0.0	PSI		
Final Annulus Pressure		0.0	PSI		

Variance		COMMENTS:			
	0.0%				
MB Vari	SS Vari	Dens Vari	SC Vari		
0.0%	0.0%	0.0%	#DIV/0!		
Average Annulus Pressure		0.0	PSI		
Change in Annulus Pressure		0.0	PSI		

CLEAN STREAM:		
UV1 Hrs	UV2 Hrs	Transm. %

HES Engineer: Tyler Stingley
Co. Rep: Davey O'Brien
Crew: RED A
Equipment running well

Fought Pressure In S1 holding rate at 5 bbl to see if we obtain a break
Walked rate down to 4.5 bbl due to pressure
Could not get a break, shut it down in Stage 1 per co rep
Going to send to flowback for 5 min and try again
Pressured out again, sent back to flowback
Came offline per Co Rep.

Well Name: Three Rivers 4-311-820 4 MV/Lance

Date, Time & SO: 11/16/14 8:33 AM 901834399
Top & Bottom Perfs: 5948 TO 6110.0
Mid-Perf: 6043 BHST: 140 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives																		Liquid Additives					
						Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)						
1	Pre-Pad	13	0:01:17	FR Water	539	0	7.7	8.4	2094	2289	751	0.00	0.00				0	1.00	0.50				0.50	0.20					
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.7	18.6	2011	2238	1896	0.00	0.00				0												
3	0 PPG	116	0:01:56	FR Water	4870	0	39.2	57.6	2843	3331	2128	0.00	0.00				0	1.00	0.50	0.49		0.50	0.20						
4	0.5 PPG White Sand	788	0:13:08	FR Water	32320	12,282	58.7	65.6	2592	3319	1942	0.38	0.55				0	1.00	0.50	0.49		0.50	0.20						
5	0 PPG	325	0:05:25	FR Water	13667	0	60.4	61.5	3687	2831	2644	0.00	0.00				0	1.00	0.50	0.49		0.50	0.20						
6	0.5 PPG White Sand	788	0:13:08	FR Water	32324	15,192	60.2	60.2	2586	2798	2454	0.47	0.52				0	1.00	0.50	0.49		0.50	0.20						
7	0 PPG	319	0:05:19	FR Water	13390	0	59.7	65.8	3024	3250	2792	0.00	0.00				0	1.00	0.50	0.49		0.50	0.20						
8	0.5 PPG White Sand	632	0:10:32	FR Water	25897	9,323	52.0	61.3	2913	3437	1280	0.36	0.50				0	1.00	0.50	0.49		0.50	0.20						
9	0.5 PPG White Sand	124	0:02:04	FR Water	5067	1,419	58.5	61.0	3281	3439	2594	0.28	0.44				0	1.00	0.50	2.00		0.50	0.20						
10	0 PPG	0	0:00:00	FR Water	0	0	59.6	59.8	3468	3509	3436	0.54	0.61				0	1.00	0.50	0.25		0.50	0.20						
11	0 PPG	95	0:01:35	16# Delta 140	4000	0								16.00	1.60			1.00	0.50	0.25	1.00	1.00	0.20						
12	2 PPG White Sand	516	0:08:36	16# Delta 140	19745	39,490	52.0	59.5	3716	3937	3494	2.00	2.30	16.00	1.60			1.00	0.50	0.25	1.00	1.00	0.20						
13	4 PPG White Sand	320	0:05:20	16# Delta 140	11247	43,863	57.6	59.6	3594	3687	3484	3.90	4.30	16.00	1.60			1.00	0.50	0.25	1.00	1.00	0.20						
14	6 PPG White Sand	306	0:05:06	16# Delta 140	9937	52,666	59.5	60.3	3032	3521	2731	5.30	6.20	18.00	1.80	1.80		1.00	0.50		1.00	1.00	0.20						
						0																							
15	Flush	139	0:02:19	FR Water	5847	0	60.3	60.3	2830	2851	2830	0.00	0.00					1.00	0.50			0.50	0.20						
						0																							
	Growler @ Flush	57			2400	0								50.00				0.00				0.00							
Calculated Amt														738.74	73.87	94.80	0.00	178.85	89.43	79.02	44.93	44.93	66.96	35.77					
Actual Amt														743.00	77.40	93.00		179.60	89.90	80.10	43.10	23.10	87.50	35.90					
Percent Variance														0.6%	4.8%	-1.9%	0.0%	0.0%	0.0%	1.4%	-4.1%	-48.6%	30.7%	0.0%					
Strap Amt																													
Percent Variance																													
Slurry (bbl)		4506																											

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 4506
Pump Time (Min) 1:18:09
Clean Fluid (gal) 179850
Proppant (lb) 191904

Avg Rate 49.7 BPM
Avg Corrected Rate 53.0 BPM
Max Rate 65.8 BPM
Average Prop Con 0.4
Average Pressure 2976.5 PSI
Maximum Pressure 3937.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.40 PSI
Wellhead Pressure: 751 PSI
Broke Back: 2289 PSI
Pressure (Prop at Perfs) 2673 PSI
Initial ISIP: PSI
ISDP: 1554 PSI

PPG
PSI
PSI
PSI
PSI
PSI
@ 8.4 BPM
@ 60.5 BPM
@ 0.694 PSI/FT

(Use weight slips for below amounts)				Variance	
TOTAL PROPPANT PUMPED: 179,400 Lbs				0.0%	
% of Job	Prop	Mesh	Quantity	Units	
0%	None	20/40		Lbs	-2.9%
0%	TLC	20/40		Lbs	3.7%
100%	White Sand	20/40	179,400	Lbs	0.0%

Initial Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:		
UV1 HRs	UV2 HRs	Transm.%
588	588	72.6

COMMENTS:

HES Engineer: Stingley
Co. Rep: Jeff Scott
Crew: RED A

Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Growler suction pump transduces frozen, not working correctly.

Well Name: Three Rivers 4-311-820 5 MV/Lance

Date, Time & SO: 11/16/14 12:26 PM 901834399
Top & Bottom Perfs: 5737 TO 5895.0
Mid-Perf: 5827

BHST: 137 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives-----Liquid Additives																SP	FR-66	MC B-8614		
						Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)				7775-27-1 (Breaker) (ppt)	(Fric Red) (gpt)
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)													
1	Pre-Pad	15	0:01:31	FR Water	639	0	5.4	10.4	1408	1649	1168	0.00	0.00					0	1.00	0.50				0.50	0.20	
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	12.7	29.5	1697	2299	1574							0								
3	0 PPG	139	0:02:19	FR Water	5851	0	45.9	55.4	2928	3564	2299							0	1.00	0.50	0.59			0.50	0.20	
4	0.5 PPG White Sand	667	0:11:07	FR Water	27341	11,210	57.9	60.1	3320	4298	3044	0.41	0.45					0	1.00	0.50	0.59			0.50	0.20	
5	0 PPG	255	0:04:15	FR Water	10714	0	60.0	60.1	3033	3094	2933							0	1.00	0.50	0.59			0.50	0.20	
6	0.5 PPG White Sand	668	0:11:08	FR Water	27368	11,221	60.1	60.3	2832	2935	2736	0.41	0.44					0	1.00	0.50	0.59			0.50	0.20	
7	0 PPG	255	0:04:15	FR Water	10726	0	60.1	60.2	2927	2996	2860							0	1.00	0.50	0.59			0.50	0.20	
8	0.5 PPG White Sand	497	0:08:17	FR Water	20376	8,150	60.2	60.3	2781	2868	2749	0.40	0.43					0	1.00	0.50	0.59			0.50	0.20	
9	0.5 PPG White Sand	122	0:02:02	FR Water	5000	1,250	57.9	64.2	2691	2791	2184	0.25	0.43					0	1.00	0.50	2.00			0.50	0.20	
10	0.5 PPG White Sand	122	0:02:02	FR Water	5010	701	56.5	64.1	2801	3304	2396	0.14	0.32					0	1.00	0.50	0.25			0.50	0.20	
11	0 PPG	0	0:00:00	16# Delta 140	0	0								16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
12	2 PPG White Sand	437	0:07:17	16# Delta 140	16714	33,929	59.2	59.8	3503	3620	3336	2.03	2.20	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
13	4 PPG White Sand	272	0:04:32	16# Delta 140	9544	37,222	59.0	59.4	3112	3338	2931	3.90	4.03	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
14	6 PPG White Sand	270	0:04:30	16# Delta 140	8767	46,465	58.9	65.0	2767	2938	2445	5.30	6.70	18.00	1.80	1.80		1.00	0.50		1.00	0.60		0.20		
						0																				
15	Flush	209	0:03:29	FR Water	8767	0	57.3	64.0	2585	2762	2439	0.00	0.00					1.00	0.50				0.50	0.20		
						0																				
	Growler @ Flush	57			2400	0								50.00				0.00						0.00		
														Calculated Amt	577.93	57.79	83.64	0.00	156.82	78.41	78.40	35.03	31.52	60.90	31.36	
														Actual Amt	625.00	63.60	75.10		154.80	77.50	78.40	35.30	28.40	62.00	31.00	
														Percent Variance	8.1%	10.0%	-10.2%	0.0%	-1.3%	0.0%	0.0%	0.0%	-9.9%	1.8%	0.0%	
														Strap Amt												
														Percent Variance												
Slurry (bbl)		3952																								

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3952
Pump Time (Min) 1:09:07
Clean Fluid (gal) 157817
Proppant (lb) 166754

Avg Rate 50.8 BPM
Avg Corrected Rate 54.3 BPM
Max Rate 65.0 BPM
Average Prop Con 0.6
Average Pressure 2741.8 PSI
Maximum Pressure 4298.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.40 PPG
Wellhead Pressure: 1168 PSI
Broke Back: 1644 PSI
Pressure (Prop at Perfs) 3352 PSI
Initial ISIP: PSI
ISDP: 1979 PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 151,800 Lbs
% of Job Prop Mesh Quantity Units
0% None 20/40 Lbs
0% TLC 20/40 Lbs
100% White Sand 20/40 151,800 Lbs

Initial Annulus Pressure 15.0 PSI
Final Annulus Pressure 17.7 PSI

Variance 0.0%

MB Vari SS Vari Dens Vari SC Vari
-1.1% 4.6% -0.1% -100.0%

Average Annulus Pressure 15.4 PSI
Change in Annulus Pressure 2.7 PSI

CLEAN STREAM:

UV1 HRs UV2 HRs Transm.%
590 590 82.2

@ 10.2 BPM
@ 57.4 BPM

@ 0.776 PSI/FT

COMMENTS:

HES Engineer: Stingley
Co. Rep: Jeff Scott
Crew: RED A
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep

Well Name: Three Rivers 4-311-820 6 MV/Lance

Date, Time & SO: 11/16/14 4:47 PM 901834399
Top & Bottom Perfs: 5240 TO 5505.0
Mid-Perf: 5376

BHST: 131 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives														Liquid Additives					
						Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35 9000-30-0 (Gel)	BC 140 590-29-4 (Xlinker)	Sandwedge NT 1310-58-3 (Xlinker)	BA-20 631-61-8 (Buffer)	LoSurf-300D	CLA-Web (Clay Cont.)	MC MX 2-2822 (Conduct. Enh.)	Optiflo HTE 7727-54-0 (Breaker)	SP 7775-27-1 (Breaker)	FR-66 (Fric Red)	MC B-8614 7681-52-9 (Bactericide)	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)												
1	Pre-Pad	10	0:00:59	FR Water	414	0	5.4	10.4	2641	2856	1110	0.00	0.00					0	1.00	0.50			0.50	0.20	
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	12.0	20.5	2641	3243	2374	0.00	0.00					0							
3	0 PPG	119	0:01:59	FR Water	5010	0	30.1	42.3	3398	3622	3871	0.00	0.00					0	1.00	0.50	1.17		0.50	0.20	
4	0.5 PPG White Sand	374	0:06:14	FR Water	15340	5,062	59.2	61.0	3277	3506	3277	0.33	0.45					0	1.00	0.50	1.17		0.50	0.20	
5	0 PPG	101	0:01:41	FR Water	4259	0	60.5	61.0	3437	3451	3423	0.00	0.00					0	1.00	0.50	1.17		0.50	0.20	
6	0.5 PPG White Sand	375	0:06:15	FR Water	15373	6,380	60.5	60.6	3365	3450	3290	0.42	0.45					0	1.00	0.50	1.17		0.50	0.20	
7	0 PPG	97	0:01:37	FR Water	4093	0	60.5	60.6	3320	3346	3294	0.00	0.00					0	1.00	0.50	1.17		0.50	0.20	
8	0.5 PPG White Sand	172	0:02:52	FR Water	7056	2,851	60.6	60.7	3247	3364	3099	0.40	0.46					0	1.00	0.50	1.17		0.50	0.20	
9	0.5 PPG White Sand	124	0:02:04	FR Water	5067	2,387	60.6	60.7	3120	3137	3102	0.47	0.48					0	1.00	0.50	2.00		0.50	0.20	
10	0.5 PPG White Sand	147	0:02:27	FR Water	6026	2,651	58.6	60.6	3052	3126	2513	0.44	0.51					0	1.00	0.50	0.25		0.50	0.20	
11	0 PPG	21	0:00:21	16# Delta 140	899	0	58.2	61.5	3023	3204	2668	0.00	0.00	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20	
12	2 PPG White Sand	245	0:04:05	16# Delta 140	9378	16,618	56.9	60.3	3333	3784	2593	1.77	2.12	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20	
13	4 PPG White Sand	152	0:02:32	16# Delta 140	5343	19,913	56.9	57.4	3059	3163	2893	3.73	3.99	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20	
14	6 PPG White Sand	191	0:03:11	16# Delta 140	6192	30,650	56.7	57.4	2767	2893	2608	4.95	6.02	16.00	1.60	1.80		1.00	0.50		1.00	1.00		0.20	
						0																			
15	Flush	122	0:02:02	FR Water	5106	0	31.1	57.6	2030	2875	1679	0.00	0.00					1.00	0.50				0.50	0.20	
						0																			
	Growler @ Flush	57			2400	0								50.00				0.00					0.00		
														Calculated Amt	349.00	34.90	55.17	0.00	89.56	44.78	75.55	21.81	21.81	33.87	17.91
														Actual Amt	408.00	38.60	48.00	0.00	87.30	44.60	75.40	19.80	19.80	45.80	17.70
														Percent Variance	16.9%	10.6%	-13.0%	0.0%	-2.5%	0.0%	0.0%	-9.2%	-9.2%	35.2%	0.0%
														Strap Amt	408.00	39.00	48.00	0.00	87.00	45.00	75.00	20.00	20.00	46.00	18.00
														Percent Variance	16.9%	11.7%	-13.0%	0.0%	-2.9%	0.0%	0.0%	-8.3%	-8.3%	35.8%	0.0%
Slurry (bbl)		2275																							

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 2275
Pump Time (Min) 0:40:43
Clean Fluid (gal) 90556
Proppant (lb) 101711

Avg Rate 48.5 BPM
Avg Corrected Rate 51.6 BPM
Max Rate 61.5 BPM
Average Prop Con 0.3
Average Pressure 3047.3 PSI
Maximum Pressure 3784.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.39 PPG
Wellhead Pressure: 1111 PSI
Broke Back: 2562 PSI
Pressure (Prop at Perfs) 3344 PSI
Initial ISIP: 0 PSI
ISDP: 1769 PSI

@ 2.5 BPM
@ 57.0 BPM
@ 0.765 PSUFT

(Use weight slips for below amounts)					Variance		COMMENTS:	
TOTAL PROPPANT PUMPED: 85,100 Lbs					0.0%			
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari
0%	None	20/40		Lbs	1.7%	8.7%	0.6%	-100.0%
0%	TLC	20/40		Lbs				
100%	White Sand	20/40	85,100	Lbs				
Initial Annulus Pressure 15.0 PSI				Average Annulus Pressure 16.8 PSI				
Final Annulus Pressure 17.7 PSI				Change in Annulus Pressure 2.7 PSI				

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
592	592	81.4

Well Name: Three Rivers 4-311-820 7 MV/Lance

Date, Time & OS: 11/16/14 8:48 PM 901834399
Top & Bottom Perfs: 5060 TO 5151.0
Mid-Perf: 5134

BHST: 128 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives																			
						Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	BC 140	Sandwedge NT	BA-20	LoSurf-300D	CLA-Web	MC MX 2-2822	Optiflo HTE	SP	FR-66	MC B-8614	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	9000-30-0 (Gel) (ppt)	590-29-4 (Xlinker) (gpt)	1310-58-3 (Xlinker) (gpt)	631-61-8 (Buffer) (gpt)		(Clay Cont.) (gpt)	(Conduct. Enh.) (gpt)	(Breaker) (ppt)	7775-27-1 (Breaker) (ppt)	(Fric Red) (gpt)	(Bactericide) (gpt)	
1	Pre-Pad	19	0:01:53	FR Water	789	0	5.9	16.1	1425	1742	1102	0.00	0.00				0	1.00	0.50				0.50	0.20	
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	12.7	29.6	1628	2288	1477	0.00	0.00				0								
3	0 PPG	132	0:02:12	FR Water	5549	0	49.0	56.9	3226	3746	2278	0.00	0.00				0	1.00	0.50	0.73		0.50	0.20		
4	0.5 PPG White Sand	556	0:09:16	FR Water	22803	10,649	60.7	61.7	2476	2993	2281	0.47	0.50				0	1.00	0.50	0.73		0.50	0.20		
5	0 PPG	197	0:03:17	FR Water	8284	0	60.6	60.6	2710	2724	2697	0.00	0.00				0	1.00	0.50	0.73		0.70	0.20		
6	0.5 PPG White Sand	556	0:09:16	FR Water	22814	10,563	60.7	60.7	2542	2704	2457	0.46	0.50				0	1.00	0.50	0.73		0.70	0.20		
7	0 PPG	198	0:03:17	FR Water	8295	0	60.7	60.7	2511	2537	2478	0.00	0.00				0	1.00	0.50	0.73		0.70	0.20		
8	0.5 PPG White Sand	374	0:06:14	FR Water	15320	7,170	60.7	60.8	2483	2531	2461	0.47	0.51				0	1.00	0.50	0.73		0.70	0.20		
9	0.5 PPG White Sand	123	0:02:03	FR Water	5029	2,419	60.7	60.7	2458	2473	2439	0.48	0.49				0	1.00	0.50	2.00		0.70	0.20		
10	0.5 PPG White Sand	122	0:02:02	FR Water	5013	2,231	57.3	60.7	2342	2458	1483	0.45	0.54	9.00	1.10		0	1.00	0.50	0.25	0.40	0.40	0.70	0.20	
11	0 PPG	3	0:00:03	16# Delta 140	126	0	58.1	58.4	2387	2405	2370	0.00	0.00	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20	
12	2 PPG White Sand	364	0:06:04	16# Delta 140	13940	26,793	60.3	60.4	2571	2620	2405	1.92	2.07	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20	
13	4 PPG White Sand	226	0:03:46	16# Delta 140	7939	29,962	60.1	60.4	2452	2563	2377	3.77	4.00	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20	
14	6 PPG White Sand	225	0:03:45	16# Delta 140	7289	36,532	60.0	60.8	2240	2382	2115	5.01	5.93	16.00	1.60	1.60		1.00	0.50		1.00	1.00		0.20	
						0																			
15	Flush	116	0:01:56	FR Water	4892	0	34.4	61.2	1793	2341	1300	0.00	0.00					1.00	0.50				0.50	0.20	
						0																			
	Growler @ Flush	57			2400	0								50.00				0.00					0.00		
														Calculated Amt	513.82	52.38	58.45	0.00	128.08	64.04	77.35	31.30	31.30	62.35	25.62
														Actual Amt	525.00	53.40	59.90	0.00	126.60	66.10	77.00	30.70	30.70	63.60	25.40
														Percent Variance	2.2%	1.9%	2.5%	0.0%	-1.2%	3.2%	0.0%	0.0%	0.0%	2.0%	0.0%
														Strap Amt	525.00	53.40	60.00	0.00	127.00	66.00	77.00	31.00	31.00	64.00	25.00
														Percent Variance	2.2%	1.9%	2.6%	0.0%	-0.8%	3.1%	0.0%	0.0%	0.0%	2.7%	0.0%
Slurry (bbl)		3235																							

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3235
Pump Time (Min) 0:57:28
Clean Fluid (gal) 129082
Proppant (lb) 138860

Avg Rate 50.8 BPM
Avg Corrected Rate 54.0 BPM
Max Rate 61.7 BPM
Average Prop Con 0.4
Average Pressure 2349.6 PSI
Maximum Pressure 3746.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.35 PPG
Wellhead Pressure: 1107 PSI
Broke Back: 1582 PSI
Pressure (Prop at Perfs) 2373 PSI
Initial ISIP: 0 PSI
ISDP: 1315 PSI

@ 7.1 BPM
@ 60.0 BPM
@ 0.690 PSI/FT

(Use weight slips for below amounts)			
TOTAL PROPPANT PUMPED: 126,500 Lbs			
% of Job	Prop	Mesh	Quantity Units
0%	None	20/40	Lbs
0%	TLC	20/40	Lbs
100%	White Sand	20/40	126,500 Lbs
Initial Annulus Pressure 19.5 PSI			
Final Annulus Pressure 20.6 PSI			

Variance			
0.0%			
MB Vari	SS Vari	Dens Vari	SC Vari
-0.1%	3.5%	0.3%	-100.0%
Average Annulus Pressure 20.1 PSI			
Change in Annulus Pressure 1.1 PSI			

CLEAN STREAM:		
UV1 HRs	UV2 HRs	Transm.%
594	594	79.6

HES Engineer: Alvaro Meza Ligarda
Co. Rep: Brent Bongers
Crew: RED B
Equipment running well
Xlink samples look good
Good job by Crew
Lost tub when switching from FR to XL gel
Changed FR to 0.7 gpt